

Contents



Pillow Blocks

UCP200.....	1
UCP300.....	3
UCPX00.....	5
UCPE200.....	6
UCAK200.....	8
UCLP200.....	10
UCPH200.....	12
UCPA200.....	14
UCTB200.....	16

Take Up Units

UCT200.....	17
UCST200.....	19
UCNST200.....	21
UCTX00.....	22

Flange Units

UCF200.....	24
UCF300.....	26
UCFX00.....	27
UCFS200.....	29
HCFS200.....	31
UCFL200.....	33
UCFT200.....	35
UCFLX00.....	37
HCFTS200.....	38
HCFJT200.....	40
SALF200.....	41
SBLF200.....	42
SAFTD200.....	43
SBFTD200.....	44
SBFD200.....	45
SBFTN200.....	46
UCFA200.....	47
UCC200.....	49
UCFC200.....	50
UCFCX00.....	52
UCFCSX00.....	54
UCFCS200.....	56
UCFB200.....	57
SBFCT200.....	59

Pressed Steel Housing Units

SBPP200.....	60
SBPFL200.....	61
SBPF200.....	62
SBPFT200.....	63

Rubber Mounted Cartridge

RCSM200, RCSMS200,	64
--------------------------	----

Insert Bearing

UC200.....	65
UC300.....	67
HC200.....	69
SA200.....	71
SB200.....	73
SER200.....	75
UCX00.....	76

Technical Section

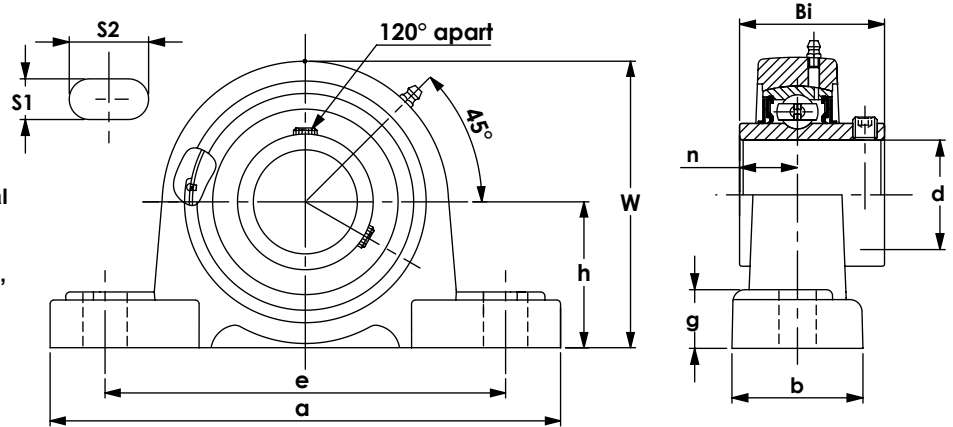
Tolerances for Bearings.....	78
Internal Radial Clearance.....	80
Tolerances for Housings.....	81
Typical Features.....	88
Lubrication.....	91
Shaft Selection.....	93
Mounting on Shaft Torque.....	94
Mounting Method of Housing.....	96
Limiting Speed.....	97
Load Capacity and Life.....	98

Pillow Blocks — Set Screw Type

UCP200 Series, High Center Height



- ◆ Standard duty, high-grade cast iron
- ◆ Solid foot housing design
- ◆ Wide inner ring bearing
- ◆ Relubricatable unit with anti-rotation pin
- ◆ Standard seal : SR type seal or single lip seal
- ◆ Triple lip seal is available upon request
- ◆ Air handling unit is available with suffix "AH"
- ◆ Add prefix "S" for stainless steel version



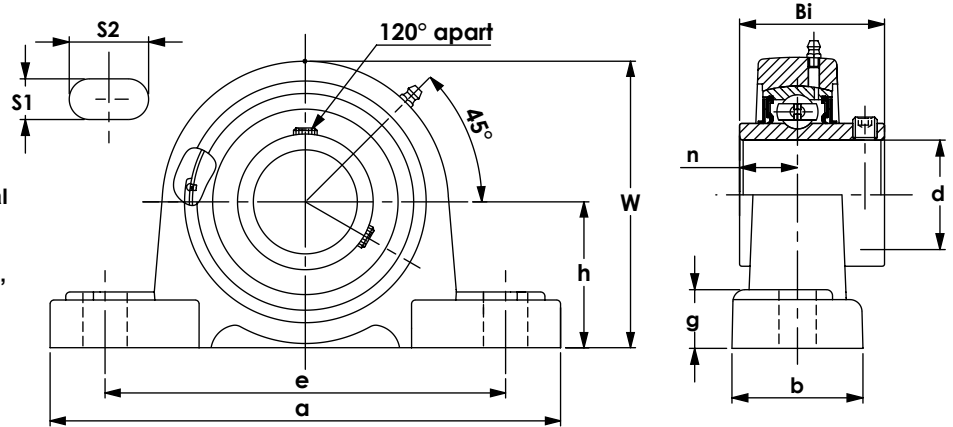
WJB Unit No.	Shaft Dia.		Dimensions										Bolt Size		Bearing No.	Housing No.	Weight
	d	mm	h	a	e	b	S2	S1	g	W	Bi	n	in.	mm			
	in.		in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	mm			
UCP 201 201-8	12 1/2	30.2 1.189	127 5.000	95 3.740	38 1.496	16 0.630	13 0.512	16 0.630	60 2.362	31 1.220	12.7 0.500	3/8	M10	UC 201 201-8	P203	0.45	
UCP 202 202-9 202-10	15 9/16 5/8	30.2 1.189	127 5.000	95 3.740	38 1.496	16 0.630	13 0.512	16 0.630	60 2.362	31 1.220	12.7 0.500	3/8	M10	UC 202 202-9 202-10	P203	0.45	
UCP 203-11 203	11/16 17	30.2 1.189	127 5.000	95 3.740	38 1.496	16 0.630	13 0.512	16 0.630	60 2.362	31 1.220	12.7 0.500	3/8	M10	UC 203-11 203	P203	0.45	
UCP 204-12 204	3/4 20	33.3 1.311	127 5.000	95 3.740	38 1.496	16 0.630	13 0.512	16 0.630	70 2.756	31 1.220	12.7 0.500	3/8	M10	UC 204-12 204	P204	0.49	
UCP 205-14 205-15 205-16 205	7/8 15/16 1 25	36.5 1.437	140 5.512	105 4.134	38 1.496	17 0.669	13 0.512	16 0.630	71 2.795	34.1 1.343	14.3 0.563	3/8	M10	UC 205-14 205-15 205-16 205	P205	0.60	
UCP 206-18 206-19 206-20 206	1 1/8 1 3/16 1 1/4 30	42.9 1.689	165 6.496	121 4.764	48 1.890	20 0.787	17 0.669	17 0.669	83 3.268	38.1 1.500	15.9 0.626	1/2	M14	UC 206-18 206-19 206-20 206	P206	1.00	
UCP 207-20 207-21 207-22 207-23 207	1 1/4 1 5/16 1 3/8 1 7/16 35	47.6 1.874	167 6.575	127 5.000	48 1.890	20 0.787	17 0.669	18 0.709	95 3.740	42.9 1.689	17.5 0.689	1/2	M14	UC 207-20 207-21 207-22 207-23 207	P207	1.10	
UCP 208-24 208-25 208	1 1/2 1 9/16 40	49.2 1.937	184 7.244	137 5.394	54 2.126	20 0.787	17 0.669	18 0.709	98 3.858	49.2 1.937	19.0 0.748	1/2	M14	UC 208-24 208-25 208	P208	1.30	
UCP 209-26 209-27 209-28 209	1 5/8 1 11/16 1 3/4 45	54 2.126	190 7.480	146 5.748	54 2.126	20 0.787	17 0.669	20 0.787	106 4.173	49.2 1.937	19.0 0.748	1/2	M14	UC 209-26 209-27 209-28 209	P209	1.50	

Pillow Blocks — Set Screw Type

UCP200 Series, High Center Height



- ◆ Standard duty, high-grade cast iron.
- ◆ Solid foot housing design
- ◆ Wide inner ring bearing
- ◆ Relubricatable unit with anti-rotation pin
- ◆ Standard seal : SR type seal or single lip seal
- ◆ Triple lip seal is available upon request
- ◆ Air handling unit is available with suffix "AH"
- ◆ Add prefix "S" for stainless steel version



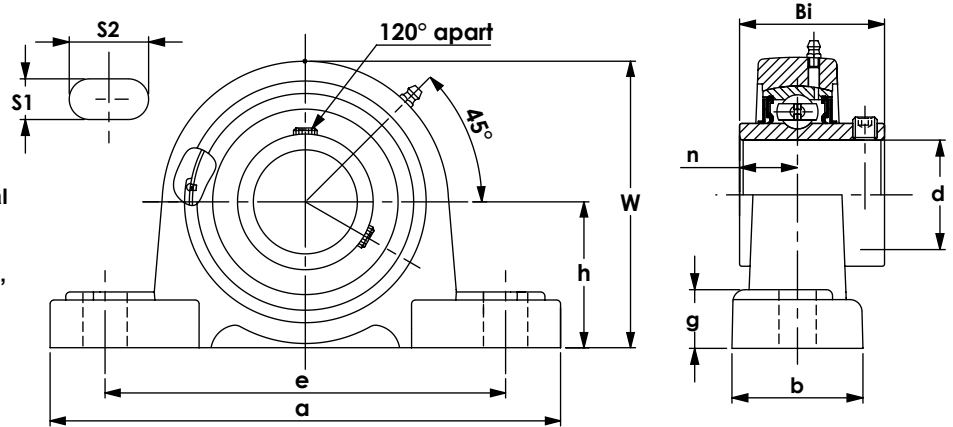
WJB Unit No.	Shaft Dia.		Dimensions										Bolt Size		Bearing No.	Housing No.	Weight kg
	d		h	a	e	b	S2	S1	g	W	Bi	n					
	in.	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	in.	mm			
UCP 210-30	1 7/8														UC 210-30		
210-31	1 15/16		57.2	206	159	60	22	20	21	113	51.6	19.0	5/8	M16	210-31	P210	2.01
210-32	2		2.252	8.110	6.260	2.362	0.866	0.787	0.827	4.449	2.031	0.748			210-32		
210		50													210		
UCP 211-32	2														UC 211-32		
211-34	2 1/8		63.5	219	171	60	23	20	23	126	55.6	22.2	5/8	M16	211-34	P211	2.40
211-35	2 3/16		2.500	8.622	6.732	2.362	0.906	0.787	0.906	4.961	2.189	0.874			211-35		
211		55													211		
UCP 212-36	2 1/4														UC 212-36		
212-38	2 3/8		69.8	241	184	70	23	20	25	138	65.1	25.4	5/8	M16	212-38	P212	3.20
212-39	2 7/16		2.748	9.488	7.244	2.756	0.906	0.787	0.984	5.433	2.563	1.000			212-39		
212		60													212		
UCP 213-40	2 1/2														UC 213-40		
213		65	3.000	10.433	7.992	2.756	1.181	0.984	1.063	5.945	2.563	1.000	3/4	M20	213	P213	4.00
UCP 214-44	2 3/4														UC 214-44		
214		70	3.126	10.472	8.268	2.835	1.220	0.984	1.063	6.181	2.937	1.189	3/4	M20	214	P214	4.40
UCP 215-47	2 15/16														UC 215-47		
215-48	3		82.6	275	217	74	31	25	28	163	77.8	33.3	3/4	M20	215-48	P215	4.90
215		75	3.252	10.827	8.543	2.913	1.221	0.984	1.102	6.417	3.063	1.311			215		
UCP 216-50	3 1/8														UC 216-50		
216		80	3.500	11.496	9.134	3.071	1.220	0.984	1.181	6.890	3.252	1.311	3/4	M20	216	P216	5.90
UCP 217-52	3 1/4														UC 217-52		
217		85	3.748	12.205	9.724	3.268	1.220	0.984	1.260	7.362	3.374	1.343	3/4	M20	217	P217	7.20
UCP 218-56	3 1/2														UC 218-56		
218		90	4.000	12.874	10.315	3.465	1.299	1.063	1.299	7.874	3.780	1.563	7/8	M22	218	P218	8.50

Pillow Blocks — Set Screw Type

UCP300 Series, High Center Height



- ◆ Standard duty, high-grade cast iron
- ◆ Solid foot housing design
- ◆ Wide inner ring bearing
- ◆ Relubricatable unit with anti-rotation pin
- ◆ Standard seal : SR type seal or single lip seal
- ◆ Triple lip seal is available upon request
- ◆ Air handling unit is available with suffix "AH"
- ◆ Add prefix "S" for stainless steel version



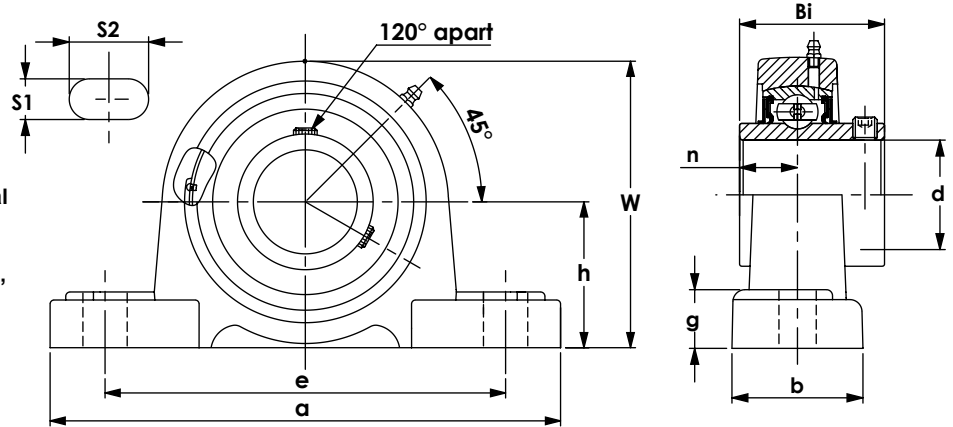
WJB Unit No.	Shaft Dia.		Dimensions										Bolt Size		Bearing No.	Housing No.	Weight kg		
	d	h	a	e	b	S2	S1	g	W	Bi	n	in.	mm						
	in.	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	in.	mm						
UCP 305-14	7/8																		
305-15	15/16		45	175	132	45	20	17	15	85	38	15							
305-16	1		1.772	6.890	5.197	1.772	0.787	0.669	0.591	3.346	1.496	0.591							
305		25																	
UCP 306-18	1 1/8																		
306-19	1 3/16		50	180	140	50	20	17	18	95	43	17							
306-20	1 1/4		1.969	7.087	5.512	1.969	0.787	0.669	0.709	3.740	1.693	0.669							
306		30																	
UCP 307-20	1 1/4																		
307-21	1 5/16		56	210	160	56	25	17	20	106	48	19							
307-22	1 3/8		2.205	8.268	6.300	2.205	0.984	0.670	0.787	4.173	1.890	0.748							
307-23	1 7/16																		
307		35																	
UCP 308-24	1 1/2																		
308-25	1 9/16		60	220	170	60	27	17	22	116	52	19							
308		40	2.362	8.661	6.693	2.362	1.063	0.670	0.866	4.567	2.047	0.748							
UCP 309-26	1 5/8																		
309-27	1 11/16		67	245	190	67	30	20	24	129	57	22							
309-28	1 3/4		2.638	9.646	7.480	2.638	1.181	0.787	0.945	5.079	2.244	0.866							
309		45																	
UCP 310-30	1 7/8																		
310-31	1 15/16		75	275	212	75	35	20	27	143	61	22							
310-32	2		2.953	10.827	8.346	2.953	1.378	0.787	1.063	5.630	2.402	0.866							
310		50																	

Pillow Blocks — Set Screw Type

UCP300 Series, High Center Height



- ◆ Standard duty, high-grade cast iron.
- ◆ Solid foot housing design
- ◆ Wide inner ring bearing
- ◆ Relubricatable unit with anti-rotation pin
- ◆ Standard seal : SR type seal or single lip seal
- ◆ Triple lip seal is available upon request
- ◆ Air handling unit is available with suffix "AH"
- ◆ Add prefix "S" for stainless steel version



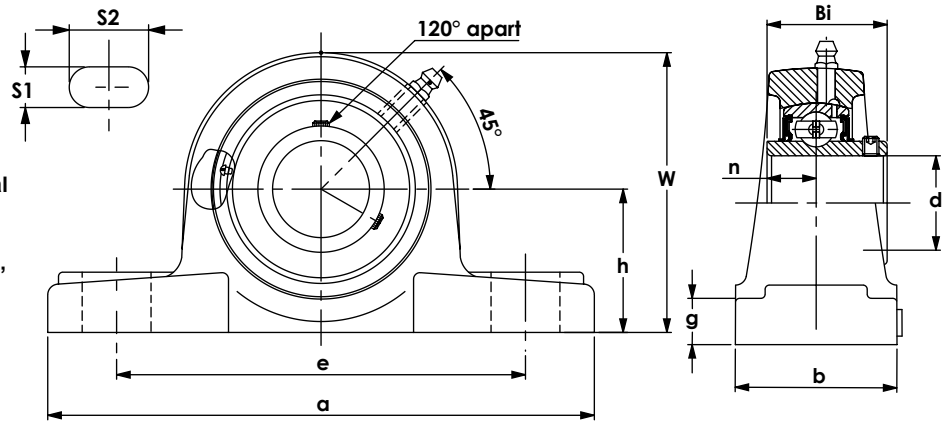
WJB Unit No.	Shaft Dia.		Dimensions										Bolt Size		Bearing No.	Housing No.	Weight kg		
	d	h	a	e	b	S2	S1	g	W	Bi	n	in.	mm						
	in.	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	in.	mm						
UCP 311-32	2																UC 311-32		
311-34	2 1/8		80	310	236	80	38	20	30	154	66	25					311-34		
311-35	2 3/16		3.150	12.205	9.291	3.150	1.496	0.787	1.181	6.063	2.598	0.984	5/8	M16			311-35		
311		55															311		5.30
UCP 312-36	2 1/4																UC 312-36		
312-38	2 3/8		85	330	250	85	38	25	32	165	71	26					312-38		
312-39	2 7/16		3.346	12.992	9.843	3.346	1.496	0.984	1.260	6.496	2.795	1.024	3/4	M20			312-39		
312		60															312		6.40
UCP 313-40	2 1/2		90	340	260	90	38	25	33	176	75	30					UC 313-40		
313		65	3.543	13.386	10.236	3.543	1.496	0.984	1.299	6.929	2.953	1.181	3/4	M20			313		7.40
UCP 314-44	2 3/4		95	360	280	90	40	27	35	187	78	33					UC 314-44		
314		70	3.740	14.173	11.024	3.543	1.575	1.063	1.378	7.362	3.071	1.299	7/8	M22			314		8.30
UCP 315-48	2 15/16		100	380	290	100	40	27	35	198	82	32					UC 315-48		
315		75	3.937	14.961	11.417	3.937	1.575	1.063	1.378	7.795	3.228	1.260	7/8	M22			315		10.00
UCP 316-50	3 1/8		106	400	300	110	40	27	40	210	86	34					UC 316-50		
316		80	4.173	15.748	11.811	4.331	1.575	1.063	1.575	8.268	3.386	1.339	7/8	M22			316		12.60
UCP 317-52	3 1/4		112	420	320	110	45	33	40	220	96	40					UC 317-52		
317		85	4.409	16.535	12.598	4.331	1.772	1.299	1.575	8.661	3.780	1.575	1	M27			317		13.50
UCP 318-56	3 1/2		118	430	330	110	45	33	45	235	96	40					UC 318-56		
318		90	4.646	16.929	12.992	4.331	1.772	1.299	1.772	9.252	3.780	1.575	1	M27			318		15.80
UCP 319-60	3 3/4		125	470	360	120	50	36	45	250	103	41					UC 319-60		
319		95	4.921	18.504	14.173	4.724	1.969	1.417	1.772	9.843	4.055	1.614	1 1/8	M30			319		19.50
UCP 320-64	4		140	490	380	120	50	36	50	275	108	42					UC 320-64		
320		100	5.512	19.291	14.961	4.724	1.969	1.417	1.969	10.827	4.252	1.654	1 1/8	M30			320		24.10

Pillow Blocks — Set Screw Type

UCPX00 Series, High Center Height, Medium Duty



- ◆ Medium duty, high-grade cast iron
- ◆ Solid foot housing design
- ◆ Wide inner ring bearing
- ◆ Relubricatable unit with anti-rotation pin
- ◆ Standard seal : SR type seal or single lip seal
- ◆ Triple lip seal is available upon request
- ◆ Air handling unit is available with suffix "AH"
- ◆ Add prefix "S" for stainless steel version



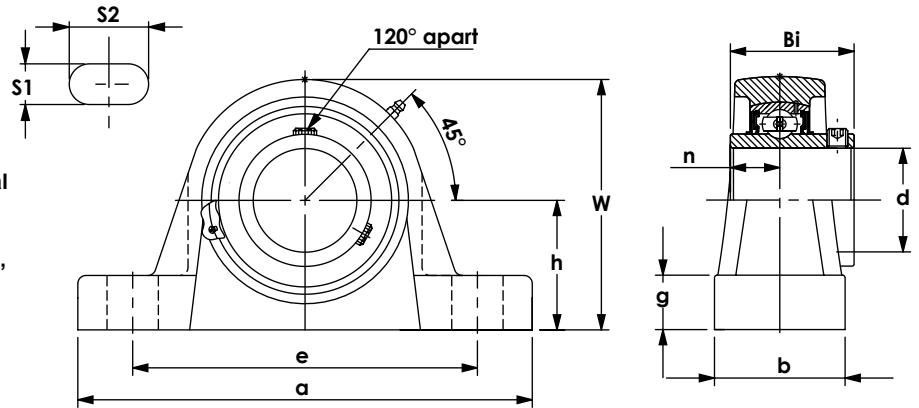
WJB Unit No.	Shaft Dia.		Dimensions										Bolt Size		Bearing No.	Housing No.	Weight kg
	d		h	a	e	b	S2	S1	g	W	Bi	n	in.	mm			
	in.	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm					
UCPX 05-14 05-16 05	7/8 1	25	44.4 1.748	159 6.260	119 4.685	51 2.008	25 0.984	17 0.669	18 0.709	85 3.346	38.1 1.500	15.9 0.626	1/2	M14	UCX 05-14 05-16 05	PX05	2.00
UCPX 06-18 06-19 06-20 06	1 1/8 1 3/16 1 1/4	30	47.6 1.874	175 6.890	127 5.000	57 2.244	25 0.984	17 0.669	20 0.787	94 3.701	42.9 1.689	17.5 0.689	1/2	M14	UCX 06-18 06-19 06-20 06	PX06	2.36
UCPX 07-20 07-22 07-23 07	1 1/4 1 3/8 1 7/16	35	54 2.126	203 7.992	144 5.669	57 2.244	30 1.181	17 0.669	22 0.866	105 4.134	49.2 1.937	19 0.748	1/2	M14	UCX 07-20 07-22 07-23 07	PX07	3.60
UCPX 08-24 08	1 1/2	40	58.7 2.311	222 8.740	156 6.142	67 2.638	32 1.260	20 0.787	26 1.024	113 4.449	49.2 1.937	19 0.748	5/8	M16	UCX 08-24 08	PX08	4.08
UCPX 09-26 09-27 09-28 09	1 5/8 1 11/16 1 3/4	45	58.7 2.311	222 8.740	156 6.142	67 2.638	33 1.299	20 0.787	26 1.024	116 4.567	51.6 2.031	19 0.748	5/8	M16	UCX 09-26 09-27 09-28 09	PX09	4.01
UCPX 10-30 10-31 10-32 10	1 7/8 1 15/16 2	50	63.5 2.500	241 9.488	171 6.732	73 2.874	36 1.417	20 0.787	27 1.063	126 4.961	55.6 2.189	22.2 0.874	5/8	M16	UCX 10-30 10-31 10-32 10	PX10	5.02
UCPX 11-32 11-35 11-36 11	2 2 3/16 2 1/4	55	69.8 2.748	260 10.236	184 7.244	79 3.110	36 1.417	25 0.984	30 1.181	139 5.472	65.1 2.563	25.4 1.000	3/4	M20	UCX 11-32 11-35 11-36 11	PX11	6.82
UCPX 12-38 12-39 12	2 3/8 2 7/16	60	76.2 3.000	286 11.260	203 7.992	83 3.268	41 1.614	25 0.984	32 1.260	151 5.945	65.1 2.563	25.4 1.000	3/4	M20	UCX 12-38 12-39 12	PX12	8.30
UCPX 13-40 13	2 1/2	65	76.2 3.000	286 11.260	203 7.992	83 3.268	41 1.614	25 0.984	32 1.260	154 6.063	74.6 2.937	30.2 1.189	3/4	M20	UCX 13-40 13	PX13	8.55
UCPX 14-44 14	2 3/4	70	88.9 3.500	330 12.992	229 9.016	89 3.504	51 2.008	27 1.063	35 1.378	172 6.772	77.8 3.063	33.3 1.311	7/8	M22	UCX 14-44 14	PX14	11.94
UCPX 15-47 15-48 15	2 15/16 3	75	88.9 3.500	330 12.992	229 9.016	89 3.504	51 2.008	27 1.063	35 1.378	177 6.969	82.6 3.252	33.3 1.311	7/8	M22	UCX 15-47 15-48 15	PX15	11.20
UCPX 16-50 16	3 1/8	80	101.6 4.000	381 15.000	283 11.142	102 4.016	59 2.323	27 1.063	42 1.654	197 7.756	85.7 3.374	34.1 1.343	7/8	M22	UCX 16-50 16	PX16	17.30
UCPX 17-52 17	3 1/4	85	101.6 4.000	381 15.000	283 11.142	102 4.016	59 2.323	27 1.063	42 1.654	202 7.953	96 3.780	39.7 1.563	7/8	M22	UCX 17-52 17	PX17	18.84
UCPX 18-56 18	3 1/2	90	101.6 4.000	381 15.000	283 11.142	111 4.370	60 2.362	27 1.063	45 1.772	206 8.110	104 4.094	42.9 1.689	7/8	M22	UCX 18-56 18	PX18	19.26
UCPX 20-63 20-64 20	3 15/16 4	100	127 5.000	432 17.008	337 13.268	121 4.764	64 2.520	33 1.300	52 2.047	250 9.843	117.5 4.626	49.2 1.937	1 1/8	M30	UCX 20-63 20-64 20	PX20	32.90

Pillow Blocks — Set Screw Type

UCPE200 Series, High Center Height



- ◆ Standard duty, high-grade cast iron
- ◆ Solid foot housing design
- ◆ Wide inner ring bearing
- ◆ Relubricatable unit with anti-rotation pin
- ◆ Standard seal : SR type seal or single lip seal
- ◆ Triple lip seal is available upon request
- ◆ Air handling unit is available with suffix "AH"
- ◆ Add prefix "S" for stainless steel version



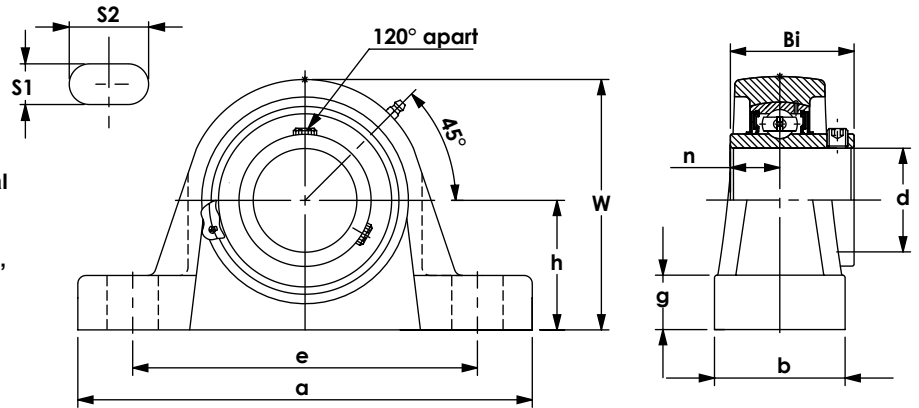
WJB Unit No.	Shaft Dia.		Dimensions										Bolt Size		Bearing No.	Housing No.	Weight kg
	d	h	a	e	b	S2	S1	g	W	Bi	n	in.	mm				
	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm			
UCPE 201 201-8	1/2	12	30.2	124	95	31	15	11	14	57.1	26	10	5/16	M8	UC 201 201-8	PE203	0.45
UCPE 202 202-9 202-10	9/16 5/8	15	30.2	124	95	31	15	11	14	57.1	26	10	5/16	M8	UC 202 202-9 202-10	PE203	0.45
UCPE 203-11 203	11/16 17	30.2	124	95	31	15	11	14	57.1	26	10	5/16	M8	UC 203-11 203	PE203	0.45	
UCPE 204-12 204	3/4 20	33.3	127	95	38	16	13	15	65	31	12.7	3/8	M10	UC 204-12 204	PE204	0.65	
UCPE 205-14 205-15 205-16 205	7/8 15/16 1 25	36.6	140	105	38	16	13	16	70	34	14.3	3/8	M10	UC 205-14 205-15 205-16 205	PE205	0.75	
UCPE 206-18 206-19 206-20 206	1 1/8 1 3/16 1 1/4 30	42.9	165	121	48	21	17	18	83	38.1	15.9	1/2	M14	UC 206-18 206-19 206-20 206	PE206	1.15	
UCPE 207-20 207-21 207-22 207-23 207	1 1/4 1 5/16 1 3/8 1 7/16 35	47.6	167	127	48	21	17	19	94	42.9	17.5	1/2	M14	UC 207-20 207-21 207-22 207-23 207	PE207	1.30	
UCPE 208-24 208-25 208	1 1/2 1 9/16 40	49.2	184	137	54	25	17	19	100	49.2	19	1/2	M14	UC 208-24 208-25 208	PE208	1.50	
UCPE 209-26 209-27 209-28 209	1 5/8 1 11/16 1 3/4 45	54	190	146	54	25	17	20	108	49.2	19	1/2	M14	UC 209-26 209-27 209-28 209	PE209	1.75	

Pillow Blocks — Set Screw Type

UCPE200 Series, High Center Height



- ◆ Standard duty, high-grade cast iron
- ◆ Solid foot housing design
- ◆ Wide inner ring bearing
- ◆ Relubricatable unit with anti-rotation pin
- ◆ Standard seal : SR type seal or single lip seal
- ◆ Triple lip seal is available upon request
- ◆ Air handling unit is available with suffix "AH"
- ◆ Add prefix "S" for stainless steel version



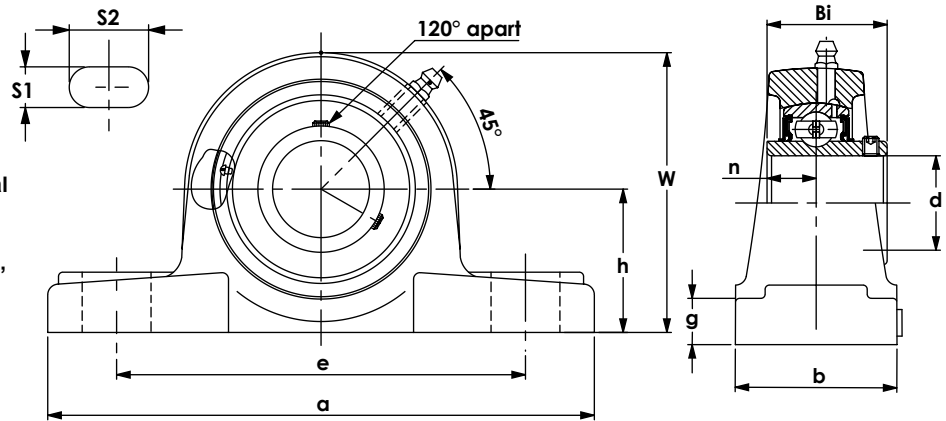
WJB Unit No.	Shaft Dia.		Dimensions										Bolt Size		Bearing No.	Housing No.	Weight kg		
	d	h	a	e	b	S2	S1	g	W	Bi	n								
	in.	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	in.	mm						
UCPE 210-30	1 7/8																		
210-31	1 15/16		57.2	206	159	60	25	20	22	114	51.6	19	5/8	M16	UC 210-30				
210-32	2		2.252	8.110	6.260	2.362	0.984	0.787	0.866	4.488	2.031	0.748			210-31	PE210	2.35		
210		50													210-32				
															210				
UCPE 211-32	2														UC 211-32				
211-34	2 1/8		63.5	219	171	60	25	20	22	126	55.6	22.2	5/8	M16	211-34	PE211	2.60		
211-35	2 3/16		2.500	8.622	6.732	2.362	0.984	0.787	0.866	4.961	2.189	0.874			211-35				
211		55													211				
UCPE 212-36	2 1/4														UC 212-36				
212-38	2 3/8		69.8	241	184	70	25	20	25	138	65.1	25.4	5/8	M16	212-38	PE212	4.00		
212-39	2 7/16		2.748	9.488	7.244	2.756	0.984	0.787	0.984	5.433	2.563	1.000			212-39				
212		60													212				
UCPE 213-40	2 1/2		76.2	265	203	70	29	25	27	150	65.1	25.4	3/4	M20	UC 213-40				
213		65	3.000	10.433	7.992	2.756	1.142	0.984	1.063	5.906	2.563	1.000			213	PE213	4.77		
UCPE 214-44	2 3/4		79.4	266	210	72	31	25	27	157	74.6	30.2	3/4	M20	UC 214-44				
214		70	3.126	10.472	8.268	2.835	1.220	0.984	1.063	6.181	2.937	1.189			214	PE214	5.30		
UCPE 215-45	2 13/16														UC 215-45				
215-46	2 7/8		82.6	275	217	74	31	25	28	163	77.8	33.3	3/4	M20	215-46	PE215	6.00		
215-47	2 15/16		3.252	10.827	8.543	2.913	1.221	0.984	1.102	6.417	3.063	1.311			215-47				
215-48	3														215-48				
215		75													215				

Pillow Blocks — Set Screw Type

UCAK200 Series, Low Center Height



- ◆ Standard duty, high-grade cast iron
- ◆ Solid foot housing design
- ◆ Wide inner ring bearing
- ◆ Relubricatable unit with anti-rotation pin
- ◆ Standard seal : SR type seal or single lip seal
- ◆ Triple lip seal is available upon request
- ◆ Air handling unit is available with suffix "AH"
- ◆ Add prefix "S" for stainless steel version



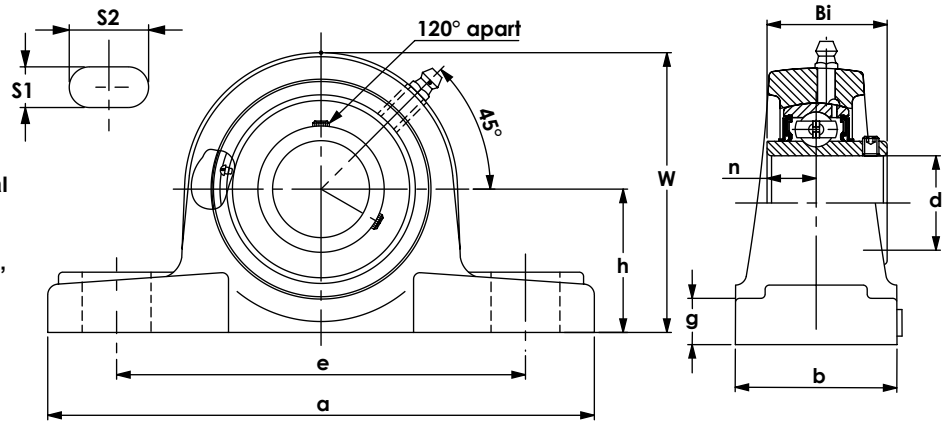
WJB Unit No.	Shaft Dia.		Dimensions										Bolt Size		Bearing No.	Housing No.	Weight kg
	d	mm	h	a	e	b	S2	S1	g	W	Bi	n	in.	mm			
	in.	mm	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	mm			
UCAK 201 201-8	1/2	12	27	121	89	35	16	12	13	54	26	10	3/8	M10	UC 201 201-8	AK203	0.40
UCAK 202 202-10	5/8	15	27	121	89	35	16	12	13	54	26	10	3/8	M10	UC 202 202-10	AK203	0.40
UCAK 203-11 203	11/16	17	27	121	89	35	16	12	13	54	26	10	3/8	M10	UC 203-11 203	AK203	0.40
UCAK 204-12 204	3/4	20	31.8	133	98	41	16	12	14.3	64	31	12.7	3/8	M10	UC 204-12 204	AK204	0.62
UCAK 205-14 205-15 205-16 205	7/8 15/16 1 25	25	33.3 1.311	140 5.512	105 4.134	45 1.772	16 0.630	12 0.472	16 0.630	68 2.677	34 1.339	14.3 0.563	3/8	M10	UC 205-14 205-15 205-16 205	AK205	0.72
UCAK 206-18 206-19 206-20 206	1 1/8 1 3/16 1 1/4 30	30	39.7 1.563	160 6.299	121 4.764	48 1.890	19 0.748	15 0.591	17 0.669	80 3.150	38.1 1.500	15.9 0.626	7/16	M12	UC 206-18 206-19 206-20 206	AK206	1.01
UCAK 207-20 207-21 207-22 207-23 207	1 1/4 1 5/16 1 3/8 1 7/16 35	35	46 1.811	167 6.575	127 5.000	48 1.890	19 0.748	15 0.591	19 0.748	92 3.622	42.9 1.689	17.5 0.689	7/16	M12	UC 207-20 207-21 207-22 207-23 207	AK207	1.23
UCAK 208-24 208-25 208	1 1/2 1 9/16 40	40	49.2 1.937	181 7.126	140 5.512	54 2.126	19 0.748	15 0.591	19 0.748	100 3.937	49.2 1.937	19 0.748	7/16	M12	UC 208-24 208-25 208	AK208	1.47
UCAK 209-26 209-27 209-28 209	1 5/8 1 11/16 1 3/4 45	45	52.4 2.063	190 7.480	146 5.748	54 2.126	19 0.748	15 0.591	21 0.827	106 4.173	49.2 1.937	19 0.748	7/16	M12	UC 209-26 209-27 209-28 209	AK209	1.75

Pillow Blocks — Set Screw Type

UCAK200 Series, Low Center Height



- ◆ Standard duty, high-grade cast iron
- ◆ Solid foot housing design
- ◆ Wide inner ring bearing
- ◆ Relubricatable unit with anti-rotation pin
- ◆ Standard seal : SR type seal or single lip seal
- ◆ Triple lip seal is available upon request
- ◆ Air handling unit is available with suffix "AH"
- ◆ Add prefix "S" for stainless steel version



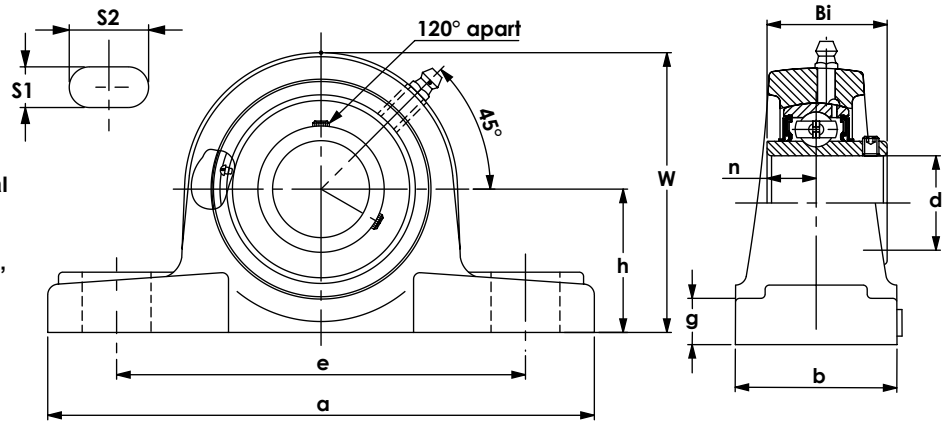
WJB Unit No.	Shaft Dia.		Dimensions										Bolt Size		Bearing No.	Housing No.	Weight kg		
	d	h	a	e	b	S2	S1	g	W	Bi	n	in.	mm						
	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm					
UCAK 210-30	1 7/8																UC 210-30		
210-31	1 15/16		55.6	203	159	57	19	15	22	113	51.6	19			7/16	M12	210-31	AK210	2.08
210-32	2		2.189	7.992	6.260	2.244	0.748	0.591	0.866	4.449	2.031	0.748					210-32		
210		50															210		
UCAK 211-32	2																UC 211-32		
211-34	2 1/8		61.9	232	181	60	24	20	25	125	55.6	22.2			5/8	M16	211-34	AK211	2.80
211-35	2 3/16		2.437	9.134	7.126	2.362	0.945	0.787	0.984	4.921	2.189	0.874					211-35		
211		55															211		
UCAK 212-36	2 1/4																UC 212-36		
212-38	2 3/8		68.3	241	190	64	24	20	29	138	65.1	25.4			5/8	M16	212-38	AK212	3.42
212-39	2 7/16		2.689	9.488	7.480	2.520	0.945	0.787	1.142	5.433	2.563	1.000					212-39		
212		60															212		
UCAK 213-40	2 1/2		68.3	248	194	70	29	22	27	141	65.1	25.4					UC 213-40		
213		65	2.689	9.764	7.638	2.756	1.142	0.866	1.063	5.551	2.563	1.000			3/4	M20	213	AK213	3.55
UCAK 214-42	2 5/8																UC 214-42		
214-43	2 11/16		82.6	294	232	72	32	22	29	160	74.6	30.2			3/4	M20	214-43	AK213	5.13
214-44	2 3/4		3.252	11.575	9.134	2.835	1.260	0.866	1.142	6.299	2.937	1.189					214-44		
214		70															214		
UCAK 215-45	2 13/16																UC 215-45		
215-46	2 7/8		84.1	304	241	74	32	22	32	165	77.8	33.3					215-46	AK213	6.02
215-47	2 15/16		3.311	11.969	9.488	2.913	1.260	0.866	1.260	6.500	3.063	1.311			3/4	M20	215-47		
215-48	3																215-48		
215		75															215		

Pillow Blocks — Set Screw Type

UCLP200 Series, Low Center Height



- ◆ Standard duty, high-grade cast iron
- ◆ Solid foot housing design
- ◆ Wide inner ring bearing
- ◆ Relubricatable unit with anti-rotation pin
- ◆ Standard seal : SR type seal or single lip seal
- ◆ Triple lip seal is available upon request
- ◆ Air handling unit is available with suffix "AH"
- ◆ Add prefix "S" for stainless steel version



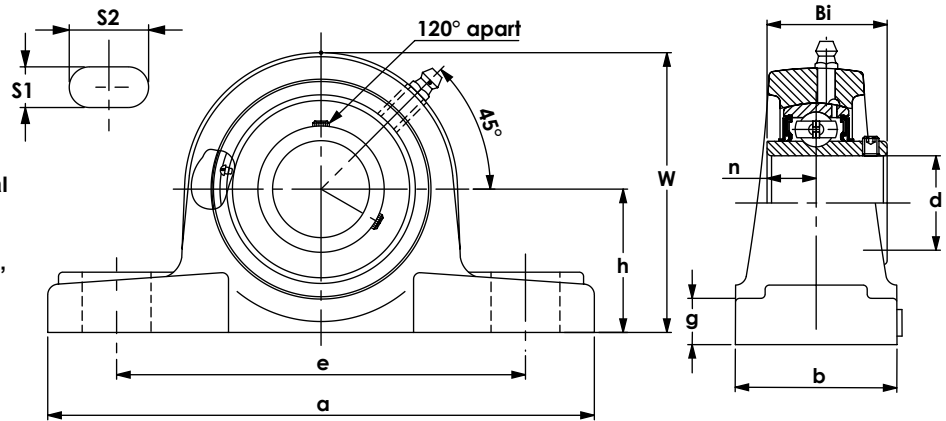
WJB Unit No.	Shaft Dia.		Dimensions										Bolt Size		Bearing No.	Housing No.	Weight kg
	d		h	a	e	b	S2	S1	g	W	Bi	n					
	in.	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	in.	mm			
UCLP 201 201-8		12 1.063	27 4.764	121 4.764	89 3.504	29 1.142	16 0.630	12 0.472	13 0.512	56 2.205	26 1.024	10 0.394	3/8	M10	UC 201 201-8	LP203	0.45
UCLP 202 202-9 202-10		15 1.063	27 4.764	121 4.764	89 3.504	29 1.142	16 0.630	12 0.472	13 0.512	56 2.205	26 1.024	10 0.394	3/8	M10	UC 202 202-9 202-10	LP203	0.45
UCLP 203-11 203		17 1.063	27 4.764	121 4.764	89 3.504	29 1.142	16 0.630	12 0.472	13 0.512	56 2.205	26 1.024	10 0.394	3/8	M10	UC 203-11 203	LP203	0.45
UCLP 204-12 204		20 1.252	31.8 5.236	133 5.236	98 3.858	32 1.260	19 0.748	12 0.472	13 0.512	65 2.559	31 1.220	12.7 0.500	3/8	M10	UC 204-12 204	LP204	0.49
UCLP 205-14 205-15 205-16 205		25 1.311	33.3 5.512	140 5.512	105 4.134	38 1.496	19 0.748	12 0.472	16 0.630	68 2.677	34 1.339	14.3 0.563	3/8	M10	UC 205-14 205-15 205-16 205	LP205	0.60
UCLP 206-18 206-19 206-20 206		30 1.563	39.7 6.496	165 6.496	124 4.882	41 1.614	22 0.866	15 0.591	17 0.669	81 3.189	38.1 1.500	15.9 0.626	7/16	M12	UC 206-18 206-19 206-20 206	LP206	1.01
UCLP 207-20 207-21 207-22 207-23 207		35 1.811	46 7.008	178 7.008	137 5.394	48 1.890	22 0.866	15 0.591	19 0.748	94 3.701	42.9 1.689	17.5 0.689	7/16	M12	UC 207-20 207-21 207-22 207-23 207	LP207	1.10

Pillow Blocks — Set Screw Type

UCLP200 Series, Low Center Height



- ◆ Standard duty, high-grade cast iron.
- ◆ Solid foot housing design
- ◆ Wide inner ring bearing
- ◆ Relubricatable unit with anti-rotation pin
- ◆ Standard seal : SR type seal or single lip seal
- ◆ Triple lip seal is available upon request
- ◆ Air handling unit is available with suffix "AH"
- ◆ Add prefix "S" for stainless steel version



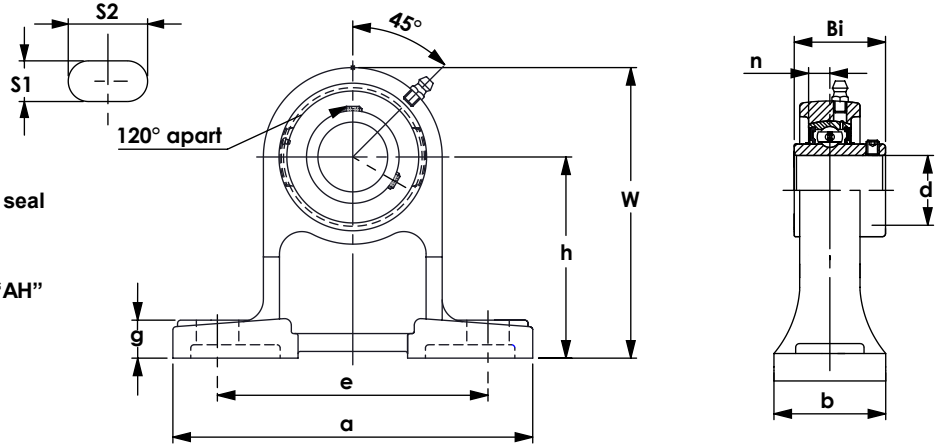
WJB Unit No.	Shaft Dia.		Dimensions										Bolt Size		Bearing No.	Housing No.	Weight kg
	d		h	a	e	b	S2	S1	g	W	Bi	n					
	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	in.	mm			
	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	mm			
UCLP 208-24	1 1/2														UC 208-24		
208-25	1 9/16		49.2	184	143	51	22	15	21	100	49.2	19	7/16	M12	208-25	LP208	1.30
208		40	1.937	7.244	5.630	2.008	0.866	0.591	0.827	3.937	1.937	0.748			208		
UCLP 209-26	1 5/8														UC 209-26		
209-27	1 11/16		52.4	197	152	54	25	15	21	106	49.2	19	7/16	M12	209-27	LP209	1.50
209-28	1 3/4		2.063	7.756	5.984	2.126	0.984	0.591	0.827	4.173	1.937	0.748			209-28		
209		45													209		
UCLP 210-30	1 7/8														UC 210-30		
210-31	1 15/16		55.6	213	165	57	25	15	22	113	51.6	19	7/16	M12	210-31	LP210	2.01
210-32	2		2.189	8.386	6.496	2.244	0.984	0.591	0.866	4.449	2.031	0.748			210-32		
210		50													210		
UCLP 211-32	2														UC 211-32		
211-34	2 1/8		61.9	235	181	64	29	19	25	125	55.6	22.2	5/8	M16	211-34	LP211	2.40
211-35	2 3/16		2.437	9.252	7.126	2.520	1.142	0.748	0.984	4.921	2.189	0.874			211 35		
211		55													211		
UCLP 212-36	2 1/4														UC 212-36		
212-38	2 3/8		68.3	248	194	70	29	19	29	138	65.1	25.4	5/8	M16	212 38	LP212	3.20
212-39	2 7/16		2.689	9.764	7.638	2.756	1.142	0.748	1.142	5.433	2.563	1.000			212-39		
212		60													212		
UCLP 213-40	2 1/2														UC 213-40		
213		65	68.3	248	194	70	29	19	29	138	65.1	25.4	5/8	M16	213	LP213	4.00

Pillow Blocks — Set Screw Type

UCPH200 Series, High Center Height



- ◆ Standard duty, high-grade cast iron.
- ◆ Solid foot housing design available
- ◆ Wide inner ring bearing
- ◆ Relubricatable unit with anti-rotation pin
- ◆ Standard seal : SR type seal or single lip seal
- ◆ Triple lip seal is available upon request
- ◆ Air handling unit is available with suffix "AH"
- ◆ Add prefix "S" for stainless steel version



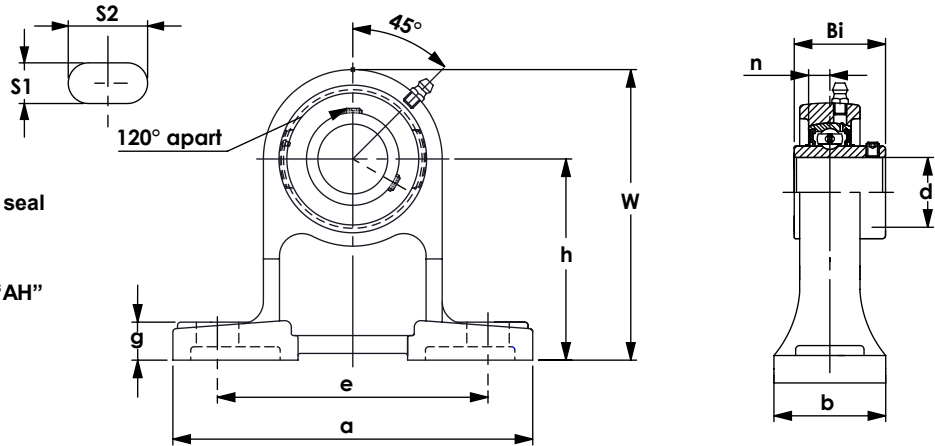
WJB Unit No.	Shaft Dia.		Dimensions										Bolt Size		Bearing No.	Housing No.	Weight kg
	d	h	a	e	b	S2	S1	g	W	Bi	n	in.	mm				
	in.	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	in.	mm				
UCPH 201 201-8	12 1/2	70 2.756	127 5.000	95 3.740	40 1.575	19 0.748	13 0.512	15 0.591	101 3.976	31 1.220	12.7 0.500	3/8	M10	UC 201 201-8	PH203	0.66	
UCPH 202 202-9 202-10	15 9/16 5/8	70 2.756	127 5.000	95 3.740	40 1.575	19 0.748	13 0.512	15 0.591	101 3.976	31 1.220	12.7 0.500	3/8	M10	UC 202 202-9 202-10	PH203	0.66	
UCPH 203-11 203	11/16 17	70 2.756	127 5.000	95 3.740	40 1.575	19 0.748	13 0.512	15 0.591	101 3.976	31 1.220	12.7 0.500	3/8	M10	UC 203-11 203	PH203	0.66	
UCPH 204-12 204	3/4 20	70 2.756	127 5.000	95 3.740	40 1.575	19 0.748	13 0.512	15 0.591	101 3.976	31 1.220	12.7 0.500	3/8	M10	UC 204-12 204	PH204	0.66	
UCPH 205-14 205-15 205-16 205	7/8 15/16 1 25	80 3.150	140 5.512	105 4.134	50 1.969	19 0.748	13 0.512	16 0.630	114 4.488	34 1.339	14.3 0.563	3/8	M10	UC 205-14 205-15 205-16 205	PH205	0.95	
UCPH 206-18 206-19 206-20 206	1 1/8 1 3/16 1 1/4 30	90 3.543	165 6.496	121 4.764	50 1.969	21 0.827	17 0.669	18 0.709	130 5.118	38.1 1.500	15.9 0.626	1/2	M14	UC 206-18 206-19 206-20 206	PH206	1.30	
UCPH 207-20 207-21 207-22 207-23 207	1 1/4 1 5/16 1 3/8 1 7/16 35	95 3.740	167 6.575	127 5.000	60 2.362	21 0.827	17 0.669	19 0.748	140 5.512	42.9 1.689	17.5 0.689	1/2	M14	UC 207-20 207-21 207-22 207-23 207	PH207	1.60	
UCPH 208-24 208-25 208	1 1/2 1 9/16 40	100 3.937	184 7.244	137 5.394	70 2.756	25 0.984	17 0.669	19 0.748	149 5.866	49.2 1.937	19 0.748	1/2	M14	UC 208-24 208-25 208	PH208	1.87	

Pillow Blocks — Set Screw Type

UCPH200 Series, High Center Height



- ◆ Standard duty, high-grade cast iron.
- ◆ Solid foot housing design available
- ◆ Wide inner ring bearing
- ◆ Relubricatable unit with anti-rotation pin
- ◆ Standard seal : SR type seal or single lip seal
- ◆ Triple lip seal is available upon request
- ◆ Air handling unit is available with suffix "AH"
- ◆ Add prefix "S" for stainless steel version



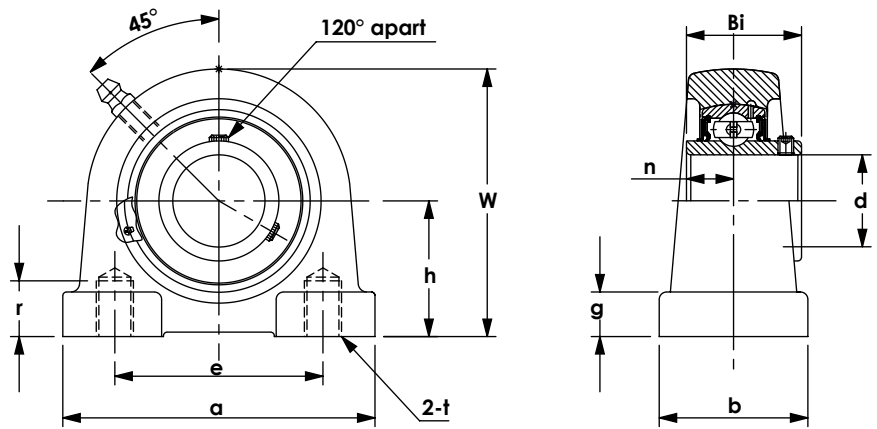
WJB Unit No.	Shaft Dia.		Dimensions										Bolt Size		Bearing No.	Housing No.	Weight kg
	d		h	a	e	b	S2	S1	g	W	Bi	n					
	in.	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	in.	mm			
UCPH 209-26	1 5/8														UC 209-26		
209-27	1 11/16		105	190	146	70	25	17	20	157	49.2	19			209-27		
209-28	1 3/4		4.134	7.480	5.748	2.756	0.984	0.669	0.787	6.181	1.937	0.748	1/2	M14	209-28	PH209	2.16
209		45													209		
UCPH 210-30	1 7/8														UC 210-30		
210-31	1 15/16		110	206	159	70	25	20	22	165	51.6	19			210-31		
210-32	2		4.331	8.110	6.260	2.756	0.984	0.787	0.866	6.496	2.031	0.748	5/8	M16	210-32	PH210	2.60
210		50													210		
UCPH 211-32	2														UC 211-32		
211-34	2 1/8		130	235	184	85	23	19	25	197	65.1	25.4			211-34		
211-35	2 3/16		5.118	9.252	7.244	3.346	0.906	0.748	0.984	7.756	2.563	1.000	5/8	M16	211-35	PH211	3.06
211		55													211		
UCPH 212-36	2 1/4														UC 212-36		
212-38	2 3/8		130	235	184	85	23	19	25	197	65.1	25.4			212-38		
212-39	2 7/16		5.118	9.252	7.244	3.346	0.906	0.748	0.984	7.756	2.563	1.000	5/8	M16	212-39	PH212	4.10
212		60													212		
UCPH 213-40	2 1/2		140	262	203	95	28	23	27	212	65.1	25.4			UC 213-40		
213		65	5.512	10.315	7.992	3.740	1.102	0.906	1.063	8.346	2.563	1.000	3/4	M20	213	PH213	5.20
UCPH 214-42	2 5/8														UC 214-42		
214-43	2 11/16		150	268	210	105	28	23	28	225	74.6	30.2			214-43		
214-44	2 3/4		5.906	10.551	8.268	4.134	1.102	0.906	1.102	8.858	2.937	1.189	3/4	M20	214-44	PH214	6.10
214		70													214		
UCPH 215-48	3		160	275	217	115	28	23	29	238	77.8	33.3			UC 215-48		
215		75	6.299	10.827	8.543	4.528	1.102	0.906	1.142	9.370	3.063	1.311	3/4	M20	215	PH215	7.50
UCPH 216-50	3 1/8		170	290	232	125	28	23	30	253	82.6	33.3			UC 216-50		
216		80	6.693	11.417	9.134	4.921	1.102	0.906	1.181	9.961	3.252	1.311	3/4	M20	216	PH216	9.20

Pillow Blocks — Set Screw Type

UCPA200 Series, Tapped Base



- ◆ Standard duty, high-grade cast iron
- ◆ Solid foot housing design
- ◆ Wide inner ring bearing
- ◆ Relubricatable unit with anti-rotation pin
- ◆ Standard seal : SR type seal or single lip seal
- ◆ Triple lip seal is available upon request
- ◆ Air handling unit is available with suffix "AH"
- ◆ Add prefix "S" for stainless steel version



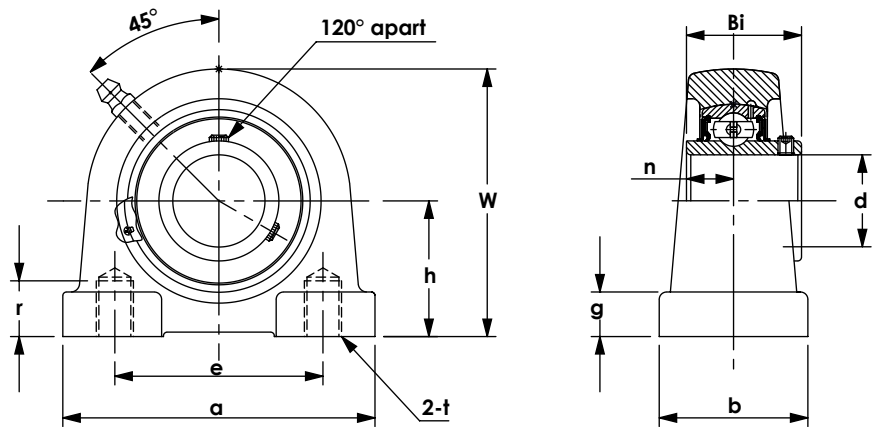
WJB Unit No.	Shaft Dia.		Dimensions										Bolt Size	Bearing No.	Housing No.	Weight kg		
	d		h	a	e	b	t	r	g	W	Bi	n						
	in.	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm						
UCPA 201		12	30.2	76	52	38												
201-8	1/2		1.189	2.992	2.047	1.496	M10	15	8	62	31	12.7	M10 X 1.15	UC 201 201-8	PA204	0.46		
UCPA 202		15	30.2	76	52	38												
202-10	5/8		1.189	2.992	2.047	1.496	M10	15	8	62	31	12.7	M10 X 1.15	UC 202 202-10	PA204	0.46		
UCPA 203-11		11/16	30.2	76	52	38												
203		17	1.189	2.992	2.047	1.496	M10	15	8	62	31	12.7	M10 X 1.15	UC 203-11 203	PA204	0.46		
UCPA 204-12		3/4	30.2	76	52	38												
204		20	1.189	2.992	2.047	1.496	M10	15	8	62	31	12.7	M10 X 1.15	UC 204-12 204	PA204	0.46		
UCPA 205-14		7/8																
205-15	15/16		36.5	84	56	38												
205-16	1		1.437	3.307	2.205	1.496	M10	15	10	72	34.1	14.3	M10 X 1.15	UC 205-14 205-15 205-16	PA205	0.64		
205		25																
UCPA 206-18		1 1/8																
206-19	1 3/16		42.9	94	66	48												
206-20	1 1/4		1.689	3.701	2.598	1.890	M14	18	10	84	38.1	15.9	M14 X 2	UC 206-18 206-19 206-20	PA206	0.93		
206		30																
UCPA 207-20		1 1/4																
207-21	1 5/16																	
207-22	1 3/8		47.6	110	80	48												
207-23	1 7/16		1.874	4.331	3.150	1.890	M14	20	12	95	42.9	17.5	M14 X 2	UC 207-20 207-21 207-22 207-23	PA207	1.23		
207		35																

Pillow Blocks — Set Screw Type



UCPA200 Series, Tapped Base

- ◆ Standard duty, high-grade cast iron
- ◆ Solid foot housing design
- ◆ Wide inner ring bearing
- ◆ Relubricatable unit with anti-rotation pin
- ◆ Standard seal : SR type seal or single lip seal
- ◆ Triple lip seal is available upon request
- ◆ Air handling unit is available with suffix "AH"
- ◆ Add prefix "S" for stainless steel version



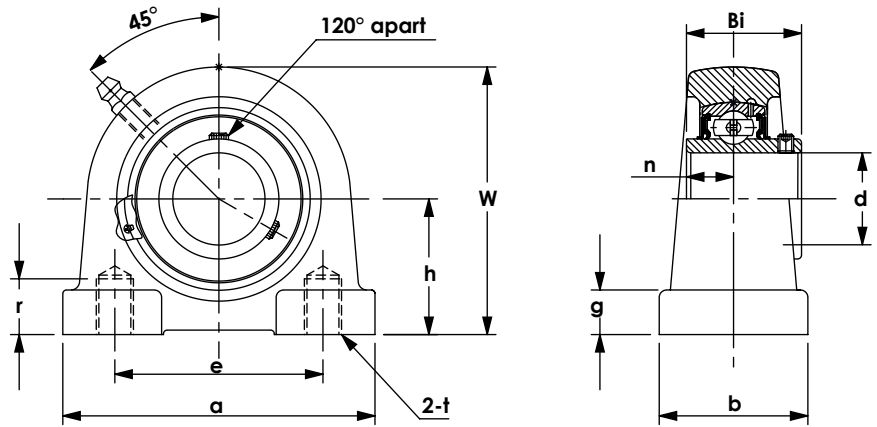
WJB Unit No.	Shaft Dia.		Dimensions										Bolt Size	Bearing No.	Housing No.	Weight kg		
	d		h	a	e	b	t	r	g	W	Bi	n						
	in.	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm						
UCPA 208-24	1 1/2																	
208-25	1 9/16		49.2	116	84	54	M14	20	12	100	49.2	19.0	M14 X 2	UC 208-24	PA208	1.30		
208		40	1.937	4.567	3.307	2.126	0.787	0.472	3.937	1.937	0.748		208-25					
													208					
UCPA 209-26	1 5/8																	
209-27	1 11/16		54.2	120	90	54	M14	25	12	108	49.2	19.0	M14 X 2	UC 209-26	PA209	1.50		
209-28	1 3/4		2.134	4.724	3.543	2.126	0.984	0.472	4.252	1.937	0.748		209-27					
209		45											209-28					
														209				
UCPA 210-30	1 7/8																	
210-31	1 15/16		57.2	130	94	60	M16	25	14	116	51.6	19.0	M16 X 2	UC 210-30	PA210	2.00		
210-32	2		2.252	5.118	3.701	2.362	0.984	0.551	4.567	2.031	0.748		210-31					
210		50											210-32					
														210				
UCPA 211-32	2																	
211-34	2 1/8		63.5	140	104	66	M16	25	14	125	55.6	22.2	M16 X 2	UC 211-32	PA211	2.50		
211-35	2 3/16		2.500	5.512	4.094	2.598	0.984	0.551	4.921	2.189	0.874		211-34					
211		55											211-35					
														211				
UCPA 212-36	2 1/4																	
212-38	2 3/8		69.9	150	114	68	M16	25	15	138	65.1	25.4	M16 X 2	UC 212-36	PA212	2.86		
212-39	2 7/16		2.752	5.906	4.488	2.677	0.984	0.591	5.433	2.563	1.000		212-38					
212		60											212-39					
														212				
UCPA 213-40	2 1/2																	
213		65	76.2	160	124	70	M16	25	15	150	65.1	25.4	M16 X 2	UC 213-40	PA213	3.38		
			3.000	6.299	4.882	2.756	0.984	0.591	5.906	2.563	1.000		213					

Pillow Blocks — Set Screw Type

UCTB200 Series, Tapped Base



- ◆ Standard duty, high-grade cast iron
- ◆ Solid foot housing design
- ◆ Wide inner ring bearing
- ◆ Relubricatable unit with anti-rotation pin
- ◆ Standard seal : SR type seal or single lip seal
- ◆ Triple lip seal is available upon request
- ◆ Air handling unit is available with suffix "AH"
- ◆ Add prefix "S" for stainless steel version



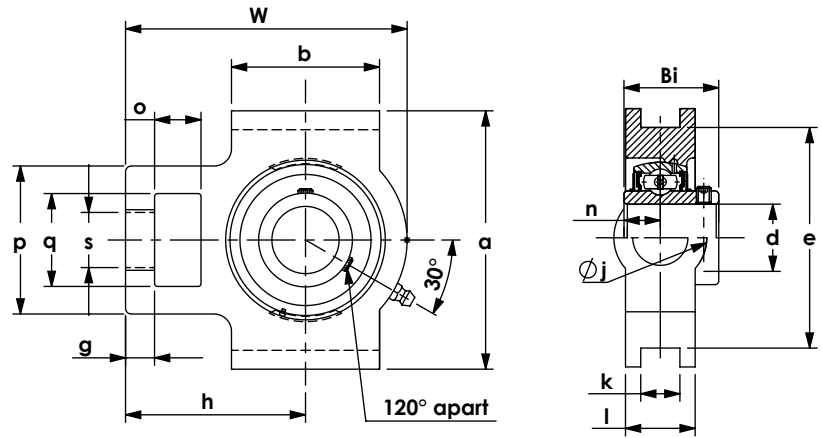
WJB Unit No.	Shaft Dia.		Dimensions										Bolt Size	Bearing No.	Housing No.	Weight
	d		h	a	e	b	t	r	g	W	Bi	n				
	in.	mm	mm	mm	mm	mm	in.	mm	mm	mm	mm	mm				in.
UCTB 201 201-8	12	1/2	33.3 1.311	73 2.874	50.8 2.000	38 1.496	3/8	13 0.512	11 0.433	65 2.559	31 1.220	12.7 0.500	3/8-16	UC 201 201-8	TB204	0.48
UCTB 202 202-10	15	5/8	33.3 1.311	73 2.874	50.8 2.000	38 1.496	3/8	13 0.512	11 0.433	65 2.559	31 1.220	12.7 0.500	3/8-16	UC 202 202-10	TB204	0.48
UCTB 203-11 203	17	11/16	33.3 1.311	73 2.874	50.8 2.000	38 1.496	3/8	13 0.512	11 0.433	65 2.559	31 1.220	12.7 0.500	3/8-16	UC 203-11 203	TB204	0.48
UCTB 204-12 204	20	3/4	33.3 1.311	73 2.874	50.8 2.000	38 1.496	3/8	13 0.512	11 0.433	65 2.559	31 1.220	12.7 0.500	3/8-16	UC 204-12 204	TB204	0.48
UCTB 205-14 205-15 205-16 205	25	7/8 15/16 1	36.5 1.437	76 2.992	50.8 2.000	38 1.496	3/8	13 0.512	12 0.472	71 2.795	34.1 1.343	14.3 0.563	3/8-16	UC 205-14 205-15 205-16 205	TB205	0.53
UCTB 206-18 206-19 206-20 206	30	1 1/8 1 3/16 1 1/4	42.9 1.689	102 4.016	76.2 3.000	38 1.496	7/16	16 0.630	12 0.472	86 3.386	38.1 1.500	15.9 0.626	7/16-14	UC 206-18 206-19 206-20 206	TB206	0.97
UCTB 207-20 207-21 207-22 207-23 207	35	1 1/4 1 5/16 1 3/8 1 7/16	47.6 1.874	108 4.252	82.5 3.248	48 1.890	1/2	20 0.787	13 0.512	95 3.740	42.9 1.689	17.5 0.689	1/2-13	UC 207-20 207-21 207-22 207-23 207	TB207	1.23
UCTB 208-24 208-25 208	40	1 1/2 1 9/16	49.2 1.937	117 4.606	88.9 3.500	48 1.890	1/2	20 0.787	13 0.512	100 3.937	49.2 1.937	19.0 0.748	1/2-13	UC 208-24 208-25 208	TB208	1.31
UCTB 209-26 209-27 209-28 209	45	1 5/8 1 11/16 1 3/4	54 2.126	127 5.000	95.3 3.752	51 2.008	1/2	20 0.787	14 0.551	108 4.252	49.2 1.937	19.0 0.748	1/2-13	UC 209-26 209-27 209-28 209	TB209	1.69
UCTB 210-30 210-31 210-32 210	50	1 7/8 1 15/16 2	57.5 2.264	140 5.512	101.6 4.000	51 2.008	5/8	23 0.906	14 0.551	118 4.646	51.6 2.031	19.0 0.748	5/8-11	UC 210-30 210-31 210-32 210	TB210	2.20

Take Up Units — Set Screw Type

UCT200 Series



- ◆ Standard duty, high-grade cast iron
- ◆ Wide inner ring bearing
- ◆ Relubricatable unit with anti-rotation pin
- ◆ Standard seal : SR type seal or single lip seal
- ◆ Triple lip seal is available upon request
- ◆ Air handling unit is available with suffix "AH"
- ◆ Add prefix "S" for stainless steel version



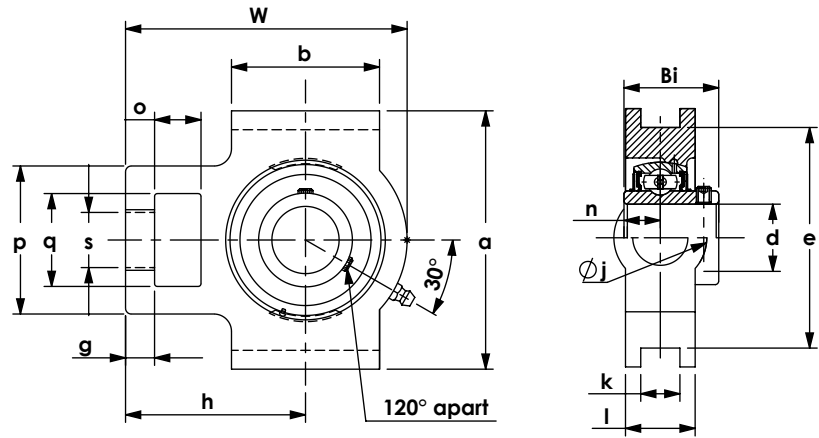
WJB Unit No.	Shaft Dia.		Dimensions															Bearing No.	Housing No.	Weight kg
	d		o	g	p	q	s	b	k	e	a	W	j	l	h	Bi	n			
	in.	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm			
UCT 201 201-8	1/2	12	15	10	51	32	19	51	12	76	89	94	32	21	61	31	12.7	UC 201 201-8	T204	0.56
UCT 202 202-10	5/8	15	15	10	51	32	19	51	12	76	89	94	32	21	61	31	12.7	UC 202 202-10	T204	0.56
UCT 203-11 203	11/16	17	15	10	51	32	19	51	12	76	89	94	32	21	61	31	12.7	UC 203-11 203	T204	0.56
UCT 204-12 204	3/4	20	15	10	51	32	19	51	12	76	89	94	32	21	61	31	12.7	UC 204-12 204	T204	0.56
UCT 205-14 205-15 205-16 205	7/8 15/16 1 25	25	16	10	51	32	19	51	12	76	89	97	32	24	62	34.1	14.3	UC 205-14 205-15 205-16 205	T205	0.63
UCT 206-18 206-19 206-20 206	1 1/8 1 3/16 1 1/4 30	30	16	10	56	37	22	57	12	89	102	113	37	28	70	38.1	15.9	UC 206-18 206-19 206-20 206	T206	0.95
UCT 207-20 207-21 207-22 207-23 207	1 1/4 1 5/16 1 3/8 1 7/16 35	35	16	13	64	37	22	64	12	89	102	129	37	30	78	42.9	17.5	UC 207-20 207-21 207-22 207-23 207	T207	1.09
UCT 208-24 208-25 208	1 1/2 1 9/16 40	40	19	16	83	49	29	83	16	102	114	144	49	33	88	49.2	19	UC 208-24 208-25 208	T208	1.72
UCT 209-26 209-27 209-28 209	1 5/8 1 11/16 1 3/4 45	45	19	16	83	49	29	83	16	102	117	144	49	35	87	49.2	19	UC 209-26 209-27 209-28 209	T209	1.75

Take Up Units — Set Screw Type

UCT200 Series



- ◆ Standard duty, high-grade cast iron
- ◆ Wide inner ring bearing
- ◆ Relubricatable unit with anti-rotation pin
- ◆ Standard seal : SR type seal or single lip seal
- ◆ Triple lip seal is available upon request
- ◆ Air handling unit is available with suffix "AH"
- ◆ Add prefix "S" for stainless steel version



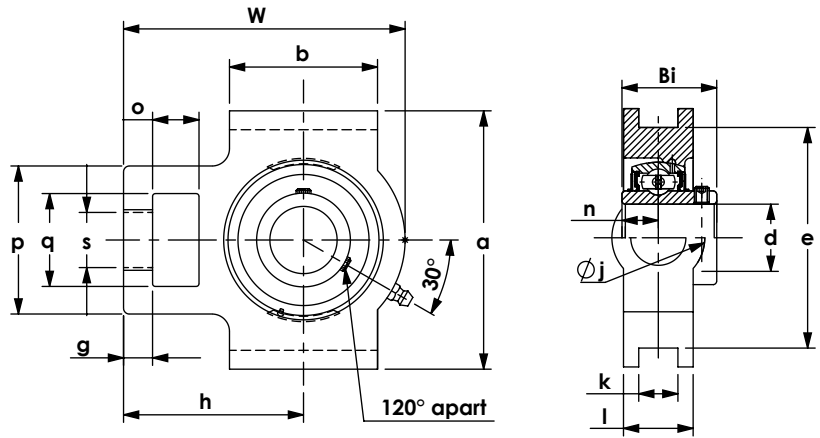
WJB Unit No.	Shaft Dia.		Dimensions															Bearing No.	Housing No.	Weight
	d	mm	o	g	p	q	s	b	k	e	a	W	j	l	h	Bi	n			
	in.	mm	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.			
UCT 210-30	1 7/8																	UC 210-30	T210	1.75
210-31	1 15/16		19	16	83	49	29	86	16	102	117	149	49	37	90	51.6	19	210-31		
210-32	2		0.748	0.630	3.268	1.929	1.142	3.386	0.630	4.016	4.606	5.866	1.929	1.457	3.543	2.031	0.748	210-32		
210		50																210		
UCT 211-32	2																	UC 211-32	T211	2.82
211-33	2 1/16		25	19	102	64	35	95	22	130	146	171	64	38	106	55.6	22.2	211-33		
211-34	2 1/8		0.984	0.748	4.016	2.520	1.378	3.740	0.866	5.118	5.748	6.732	2.520	1.496	4.173	2.189	0.874	211-34		
211-35	2 3/16																	211-35		
211		55																211		
UCT 212-36	2 1/4																	UC 212-36	T212	3.41
212-37	2 5/16		32	19	102	64	35	102	22	130	146	194	64	42	119	65.1	25.4	212-37		
212-38	2 3/8		1.260	0.748	4.016	2.520	1.378	4.016	0.866	5.118	5.748	7.638	2.520	1.654	4.685	2.563	1.000	212-38		
212-39	2 7/16																	212-39		
212		60																212		
UCT 213-40	2 1/2		32	21	111	70	41	121	26	151	167	224	70	44	137	65.1	25.4	UC 213-40	T213	5.00
213-41	2 9/16		1.260	0.827	4.370	2.756	1.614	4.764	1.024	5.945	6.575	8.819	2.756	1.732	5.394	2.563	1.000	213-41		
213		65																213		
UCT 214-42	2 5/8		32	21	111	70	41	121	26	151	167	224	70	46	137	74.6	30.2	UC 214-42	T214	4.70
214-43	2 11/16		1.260	0.827	4.370	2.756	1.614	4.764	1.024	5.945	6.575	8.819	2.756	1.811	5.394	2.937	1.189	214-43		
214-44	2 3/4																	214-44		
214		70																214		
UCT 215-46	2 7/8		32	21	111	70	41	121	26	151	167	232	70	48	140	77.8	33.3	UC 215-46	T215	5.10
215-47	2 15/16		1.260	0.827	4.370	2.756	1.614	4.764	1.024	5.945	6.575	9.134	2.756	1.890	5.512	3.063	1.311	215-47		
215-48	3																	215-48		
215		75																215		
UCT 216-50	3 1/8		32	21	111	70	41	121	26	165	184	235	70	51	140	82.6	33.3	UC 216-50	T216	5.50
216		80	1.260	0.827	4.370	2.756	1.614	4.764	1.024	6.496	7.244	9.252	2.756	2.008	5.512	3.252	1.311	216		
UCT 217-52	3 1/4		38	29	124	73	48	157	30	173	198	260	73	54	162	85.7	34.1	UC 217-52	T217	7.40
217		85	1.496	1.142	4.882	2.874	1.890	6.181	1.181	6.811	7.795	10.24	2.874	2.126	6.378	3.374	1.343	217		

Take Up Units — Set Screw Type

UCST200 Series



- ◆ Standard duty, high-grade cast iron
- ◆ Wide inner ring bearing
- ◆ Relubricatable unit with anti-rotation pin
- ◆ Standard seal : SR type seal or single lip seal
- ◆ Triple lip seal is available upon request
- ◆ Air handling unit is available with suffix "AH"
- ◆ Add prefix "S" for stainless steel version



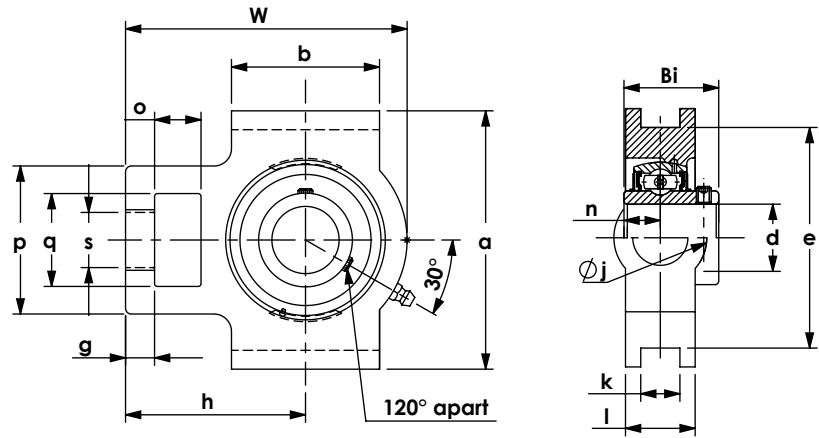
WJB Unit No.	Shaft Dia.		Dimensions														Bearing No.	Housing No.	Weight	
	d		o	g	p	q	s	b	k	e	a	W	j	l	h	Bi				n
	in.	mm	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.			in.	
UCST 204-12 204	3/4	20	16	10	51	32	19	51	13.5	76.2	89	94	32	24	60	31	12.7	UC 204-12 204	ST204	0.48
UCST 205-14 205-15 205-16 205	7/8 15/16 1	25	16	10	51	32	22	51	13.5	76.2	89	97	32	24	62	34.1	14.3	UC 205-14 205-15 205-16 205	ST205	0.60
UCST 206-18 206-19 206-20 206	1 1/8 1 3/16 1 1/4	30	16	10	56	37	22	57	13.5	88.9	102	113	37	24	70	38.1	15.9	UC 206-18 206-19 206-20 206	ST206	0.80
UCST 207-20 207-21 207-22 207-23 207	1 1/4 1 5/16 1 3/8 1 7/16	35	16	13	64	37	22	64	13.5	88.9	102	129	37	30	78	42.9	17.5	UC 207-20 207-21 207-22 207-23 207	ST207	1.12
UCST 208-24 208-25 208	1 1/2 1 9/16	40	19	16	83	49	29	83	17.5	102	114	144	49	35	89	49.2	19	UC 208-24 208-25 208	ST208	1.90
UCST 209-26 209-27 209-28 209	1 5/8 1 11/16 1 3/4	45	19	16	83	49	29	83	17.5	102	117	144	49	35	87	49.2	19	UC 209-26 209-27 209-28 209	ST209	1.73
UCST 210-30 210-31 210-32 210	1 7/8 1 15/16 2	50	19	16	83	49	29	86	17.5	102	117	149	49	35	90	51.6	19	UC 210-30 210-31 210-32 210	ST210	3.10

Take Up Units — Set Screw Type



UCST200 Series

- ◆ Standard duty, high-grade cast iron
- ◆ Wide inner ring bearing
- ◆ Relubricatable unit with anti-rotation pin
- ◆ Standard seal : SR type seal or single lip seal
- ◆ Triple lip seal is available upon request
- ◆ Air handling unit is available with suffix "AH"
- ◆ Add prefix "S" for stainless steel version



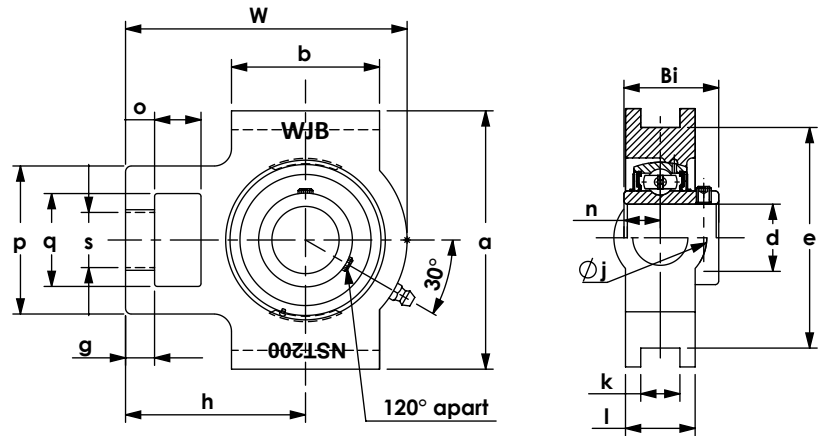
WJB Unit No.	Shaft Dia.		Dimensions														Bearing No.	Housing No.	Weight		
	d		o	g	p	q	s	b	k	e	a	W	j	l	h	Bi				n	
	in.	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm			mm	mm	kg
UCST 211-32	2																		UC 211-32		
211-33	2 1/16		25	19	102	64	35	95	27	130	146	171	64	41	106	55.6	22.2	211-33			
211-34	2 1/8		0.984	0.748	4.016	2.520	1.378	3.740	1.063	5.118	5.748	6.732	2.520	1.614	4.173	2.189	0.874	211-34	ST211	3.10	
211-35	2 3/16																	211-35			
211		55																211			
UCST 212-36	2 1/4																	UC 212-36			
212-37	2 5/16		32	19	102	64	35	102	27	130	146	194	64	46	119	65.1	25.4	212-37			
212-38	2 3/8		1.260	0.748	4.016	2.520	1.378	4.016	1.063	5.118	5.748	7.638	2.520	1.811	4.685	2.563	1.000	212-38	ST212	3.60	
212-39	2 7/16																	212-39			
212		60																212			
UCST 213-40	2 1/2		32	21	111	70	41	121	27	151	167	224	70	51	137	65.1	25.4	UC 213-40			
213-41	2 9/16		1.260	0.827	4.370	2.756	1.614	4.764	1.063	5.945	6.575	8.819	2.756	2.008	5.394	2.563	1.000	213-41	ST213	5.40	
213		65																213			
UCST 214-42	2 5/8																	UC 214-42			
214-43	2 11/16		32	21	111	70	41	121	27	151	167	224	70	46	137	74.6	30.2	214-43			
214-44	2 3/4		1.260	0.827	4.370	2.756	1.614	4.764	1.063	5.945	6.575	8.819	2.756	1.811	5.394	2.937	1.189	214-44	ST214	5.60	
214		70																214			
UCST 215-46	2 7/8																	UC 215-46			
215-47	2 15/16		32	21	111	70	41	121	27	151	167	232	70	48	140	77.8	33.3	215-47			
215-48	3		1.260	0.827	4.370	2.756	1.614	4.764	1.063	5.945	6.575	9.134	2.756	1.890	5.512	3.063	1.311	215-48	ST215	6.10	
215		75																215			

Take Up Units — Set Screw Type

UCNST200 Series, Narrow Slot



- ◆ Standard duty, high-grade cast iron
- ◆ Narrow slot
- ◆ Wide inner ring bearing
- ◆ Relubricatable unit with anti-rotation pin
- ◆ Standard seal : SR type seal or single lip seal
- ◆ Triple lip seal is available upon request
- ◆ Air handling unit is available with suffix "AH"
- ◆ Add prefix "S" for stainless steel version



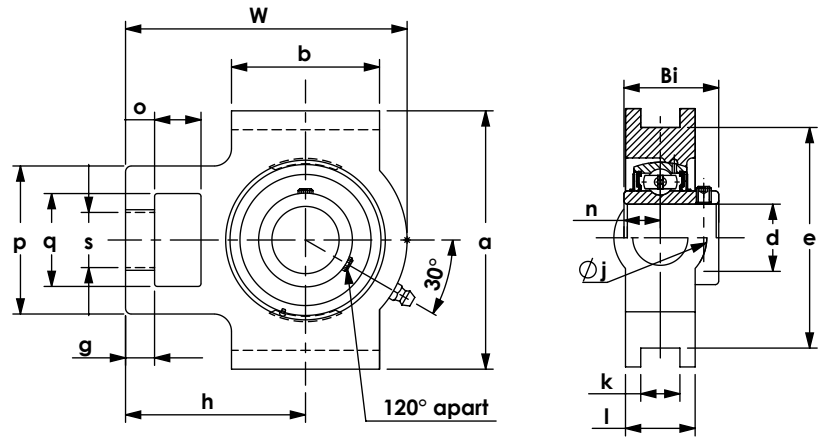
WJB Unit No.	Shaft Dia.		Dimensions															Bearing No.	Housing No.	Weight
	d		o	g	p	q	s	b	k	e	a	W	j	l	h	Bi	n			
	in.	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm			mm
UCNST 204-12 204	3/4	20	16	10	48	31	19	44	7.9	76.2	89	91	37	20	59	31	12.7	UC 204-12 204	NST204	0.49
UCNST 205-14 205-15 205-16 205	7/8 15/16 1	25	16	10	48	31	19	49	7.9	76.2	89	137	37	20	59	34	14.3	UC 205-14 205-15 205-16 205	NST205	0.49
UCNST 206-18 206-19 206-20 206	1 1/8 1 3/16 1 1/4	30	16	13	54	34	22	60	7.9	89	102	110	41	22	70	38.1	15.9	UC 206-18 206-19 206-20 206	NST206	0.64
UCNST 207-20 207-21 207-22 207-23 207	1 1/4 1 5/16 1 3/8 1 7/16	35	19	13	54	34	22	67	7.9	7.9	102	118	41	23	75	49.2	17.5	UC 207-20 207-21 207-22 207-23 207	NST207	0.72
UCNST 208-24 208-25 208	1 1/2 1 9/16	40	19	16	67	40	29	75	7.9	101.6	114	130	46	25	83	49.2	19	UC 208-24 208-25 208	NST208	1.00
UCNST 209-26 209-27 209-28 209	1 5/8 1 11/16 1 3/4	45	19	16	67	40	29	79	7.9	101.6	114	138	46	26	87	49.2	19	UC 209-26 209-27 209-28 209	NST209	1.10
UCNST 210-30 210-31 210-32 210	1 7/8 1 15/16 2	50	19	16	67	40	29	84	7.9	101.6	114	145	46	27	91	51.6	19	UC 210-30 210-31 210-32 210	NST210	1.14
UCNST 211-32 211-33 211-34 211-35 211	2 2 1/16 2 1/8 2 3/16	55	25.4	19	83	49	35	94	7.9	130.2	146	164	54	29	105	55.6	22.2	UC 211-32 211-33 211-34 211-35 211	NST211	1.90
UCNST 212-36 212-37 212-38 212-39 212	2 1/4 2 5/16 2 3/8 2 7/16	60	32	19	102	64	35	102	27	130	146	194	64	46	119	65.1	25.4	UC 212-36 212-37 212-38 212-39 212	NST212	2.06

Take Up Units — Set Screw Type



UCTX00 Series, Medium Duty

- ◆ Medium duty, high-grade cast iron
- ◆ Wide inner ring bearing
- ◆ Relubricatable unit with anti-rotation pin
- ◆ Standard seal : SR type seal or single lip seal
- ◆ Triple lip seal is available upon request
- ◆ Air handling unit is available with suffix "AH"
- ◆ Add prefix "S" for stainless steel version



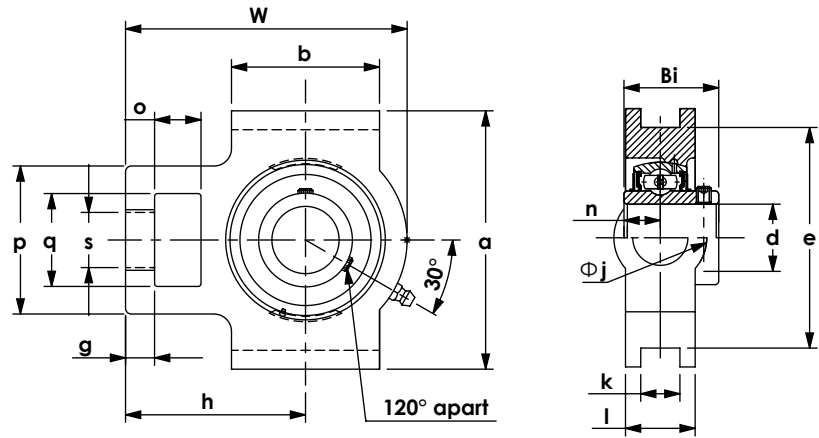
WJB Unit No.	Shaft Dia.		Dimensions														Bearing No.	Housing No.	Weight		
	d	mm	o	g	p	q	s	b	k	e	a	W	j	l	h	Bi				n	kg
	in.	mm	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.			in.	in.	
UCTX 05-14	7/8																		UCX 05-14		
05-15	15/16		16	10	56	37	22	57	12	89	102	113	37	28	70	38.1	15.9	05-15	TX05	1.01	
05-16	1		0.630	0.394	2.205	1.457	0.866	2.244	0.472	3.504	4.016	4.449	1.457	1.102	2.756	1.500	0.626	05-16			
05		25																05			
UCTX 06-18	1 1/8																		UCX 06-18		
06-19	1 3/16		16	10	56	37	22	57	12	89	102	113	37	28	70	38.1	15.9	06-19	TX06	1.12	
06-20	1 1/4		0.630	0.394	2.205	1.457	0.866	2.244	0.472	3.504	4.016	4.449	1.457	1.102	2.756	1.500	0.626	06-20			
06		30																06			
UCTX 07-20	1 1/4																		UCX 07-20		
07-22	1 3/8		19	15	83	49	29	83	16	102	114	144	49	36	88	49.2	19	07-22	TX07	1.78	
07-23	1 7/16		0.748	0.591	3.268	1.929	1.142	3.268	0.630	4.016	4.488	5.669	1.929	1.417	3.465	1.937	0.748	07-23			
07		35																07			
UCTX 08-24	1 1/2																		UCX 08-24		
08		40	0.748	0.591	3.268	1.929	1.142	3.268	0.630	4.016	4.606	5.669	1.929	1.417	3.425	1.937	0.748	08	TX08	1.67	
UCTX 09-26	1 5/8																		UCX 09-26		
09-27	1 11/16		19	16	83	49	29	86	16	102	117	149	49	38	90	51.6	19	09-27	TX09	1.80	
09-28	1 3/4		0.748	0.630	3.268	1.929	1.142	3.386	0.630	4.016	4.606	5.866	1.929	1.496	3.543	2.031	0.748	09-28			
09		45																09			
UCTX 10-30	1 7/8																		UCX 10-30		
10-31	1 15/16		25	19	102	64	35	95	22	130	146	171	64	42	106	55.6	22.2	10-31	TX10	2.95	
10-32	2		0.984	0.748	4.016	2.520	1.378	3.740	0.866	5.118	5.748	6.732	2.520	1.654	4.173	2.189	0.874	10-32			
10		50																10			
UCTX 11-33	2 1/16																		UCX 11-33		
11-34	2 1/8		32	19	102	64	35	102	22	130	146	194	64	42	119	65.1	25.4	11-34	TX11	3.30	
11-35	2 3/16		1.260	0.748	4.016	2.520	1.378	4.016	0.866	5.118	5.748	7.638	2.520	1.654	4.685	2.563	1.000	11-35			
11		55																11			

Take Up Units — Set Screw Type



UCTX00 Series, Medium Duty

- ◆ Medium duty, high-grade cast iron
- ◆ Wide inner ring bearing
- ◆ Relubricatable unit with anti-rotation pin
- ◆ Standard seal : SR type seal or single lip seal
- ◆ Triple lip seal is available upon request
- ◆ Air handling unit is available with suffix "AH"
- ◆ Add prefix "S" for stainless steel version



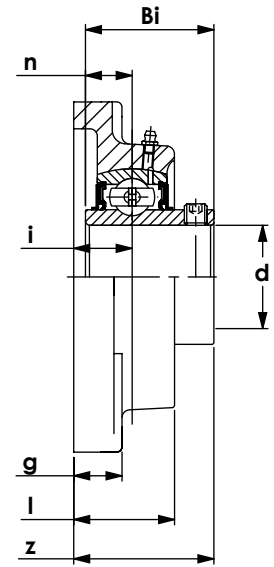
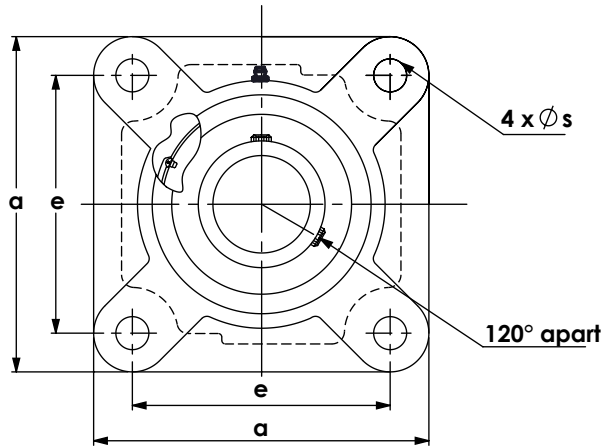
WJB Unit No.	Shaft Dia.		Dimensions														Bearing No.	Housing No.	Weight kg	
	d	mm	o	g	p	q	s	b	k	e	a	W	j	l	h	Bi				n
	in.	mm	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.				in.
UCTX 12-37	2 5/16																	UCX 12-37		
12-38	2 3/8		32	21	111	70	41	121	26	151	167	224	70	48	137	65.1	25.4	12-38	TX12	5.33
12-39	2 7/16		1.260	0.827	4.370	2.756	1.614	4.764	1.024	5.945	6.575	8.819	2.756	1.890	5.394	2.563	1.000	12-39		
12		60																12		
UCTX 13-40	2 1/2		32	21	111	70	41	121	26	151	167	224	70	48	137	74.6	30.2	UCX 13-40	TX13	5.15
13		65	1.260	0.827	4.370	2.756	1.614	4.764	1.024	5.945	6.575	8.819	2.756	1.890	5.394	2.937	1.189	13		
UCTX 14-42	2 5/8		32	21	111	70	41	121	26	151	167	232	70	48	140	77.8	33.3	UCX 14-42	TX14	5.23
14-43	2 11/16		1.260	0.827	4.370	2.756	1.614	4.764	1.024	5.945	6.575	9.134	2.756	1.890	5.512	3.063	1.311	14-43		
14-44	2 3/4																	14-44		
14		70																14		
UCTX 15-46	2 7/8		32	21	111	70	41	121	28	165	184	235	70	48	140	82.6	33.3	UCX 15-46	TX15	5.29
15-47	2 15/16		1.260	0.827	4.370	2.756	1.614	4.764	1.102	6.496	7.244	9.252	2.756	1.890	5.512	3.252	1.311	15-47		
15-48	3																	15-48		
15		75																15		
UCTX 16-50	3 1/8		38	28	124	73	48	157	28	173	198	260	73	54	162	85.7	34.1	UCX 16-50	TX16	7.21
16		80	1.496	1.102	4.882	2.874	1.890	6.181	1.102	6.811	7.795	10.24	2.874	2.126	6.378	3.374	1.343	16		
UCTX 17-52	3 1/4		38	28	124	73	48	157	28	173	198	260	73	54	162	96	39.7	UCX 17-52	TX17	7.18
17-55	3 7/16		1.496	1.102	4.882	2.874	1.890	6.181	1.102	6.811	7.795	10.24	2.874	2.126	6.378	3.780	1.563	17-55		
17		85																17		

Flange Units (Square) — Set Screw Type



UCF200 Series, 4 Bolts

- ◆ Standard duty, high-grade cast iron
- ◆ Solid foot housing design available
- ◆ Wide inner ring bearing
- ◆ Relubricatable unit with anti-rotation pin
- ◆ Standard seal : SR type seal or single lip seal
- ◆ Triple lip seal is available upon request
- ◆ Air handling unit is available with suffix "AH"
- ◆ Add prefix "S" for stainless steel version



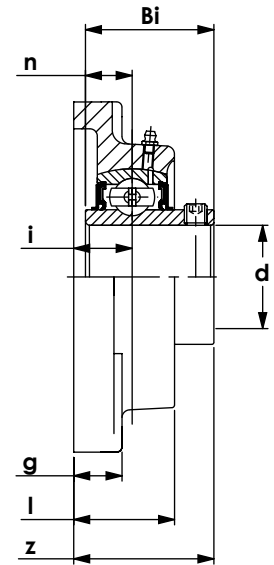
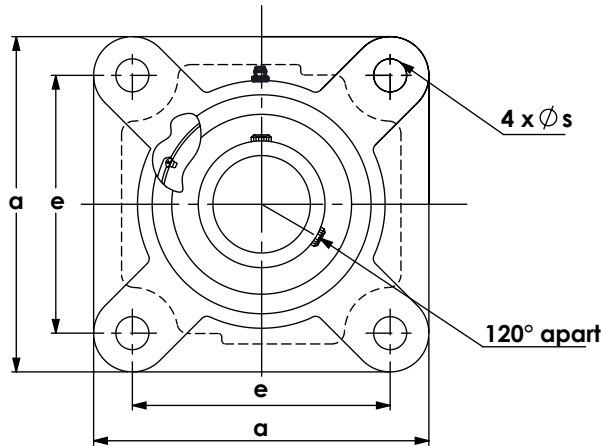
WJB Unit No.	Shaft Dia.		Dimensions									Bolt Size		Bearing No.	Housing No.	Weight
	d		a	e	i	g	l	s	z	Bi	n	in.	mm			
	in.	mm	mm in.	mm in.	mm in.	mm in.	mm in.	mm in.	mm in.	mm in.	mm in.					
UCF 201 201-8	1/2	12	86 3.386	64 2.520	15 0.591	12 0.472	25.5 1.004	12 0.472	33.3 1.311	31 1.220	12.7 0.500	3/8	M10	UC 201 201-8	F204	0.42
UCF 202-9 202-10 202	9/16 5/8	15	86 3.386	64 2.520	15 0.591	12 0.472	25.5 1.004	12 0.472	33.3 1.311	31 1.220	12.7 0.500	3/8	M10	UC 202-9 202-10 202	F204	0.42
UCF 203-11 203	11/16 17	17	86 3.386	64 2.520	15 0.591	12 0.472	25.5 1.004	12 0.472	33.3 1.311	31 1.220	12.7 0.500	3/8	M10	UC 203-11 203	F204	0.42
UCF 204-12 204	3/4 20	20	86 3.386	64 2.520	15 0.591	12 0.472	25.5 1.004	12 0.472	33.3 1.311	31 1.220	12.7 0.500	3/8	M10	UC 204-12 204	F204	0.42
UCF 205-14 205-15 205-16 205	7/8 15/16 1	25	95 3.740	70 2.756	16 0.630	14 0.551	27 1.063	12 0.472	35.8 1.409	34.1 1.343	14.3 0.563	3/8	M10	UC 205-14 205-15 205-16 205	F205	0.59
UCF 206-17 206-18 206-19 206-20 206	1 1/16 1 1/8 1 3/16 1 1/4	30	108 4.252	83 3.268	18 0.709	14 0.551	31 1.220	12 0.472	40.2 1.583	38.1 1.500	15.9 0.626	3/8	M10	UC 206-17 206-18 206-19 206-20 206	F206	0.82
UCF 207-20 207-21 207-22 207-23 207	1 1/4 1 5/16 1 3/8 1 7/16	35	117 4.606	92 3.622	19 0.748	16 0.630	34 1.339	14 0.551	44.4 1.748	42.9 1.689	17.5 0.689	1/2	M14	UC 207-20 207-21 207-22 207-23 207	F207	1.00
UCF 208-24 208-25 208	1 1/2 1 9/16	40	130 5.118	102 4.016	21 0.827	16 0.630	36 1.417	16 0.630	51.2 2.016	49.2 1.937	19 0.748	1/2	M14	UC 208-24 208-25 208	F208	1.25
UCF 209-26 209-27 209-28 209	1 5/8 1 11/16 1 3/4	45	137 5.394	105 4.134	22 0.866	18 0.709	38 1.496	16 0.630	52.2 2.055	49.2 1.937	19 0.748	1/2	M14	UC 209-26 209-27 209-28 209	F209	1.38

Flange Units (Square) — Set Screw Type



UCF200 Series, 4 Bolts

- ◆ Standard duty, high-grade cast iron
- ◆ Solid foot housing design available
- ◆ Wide inner ring bearing
- ◆ Relubricatable unit with anti-rotation pin
- ◆ Standard seal : SR type seal or single lip seal
- ◆ Triple lip seal is available upon request
- ◆ Air handling unit is available with suffix "AH"
- ◆ Add prefix "S" for stainless steel version



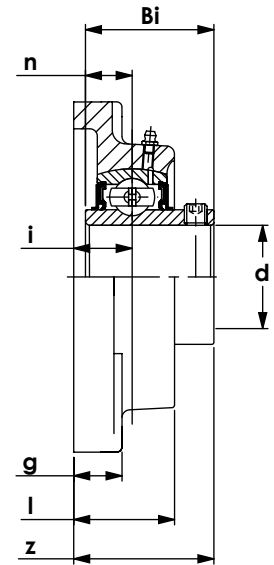
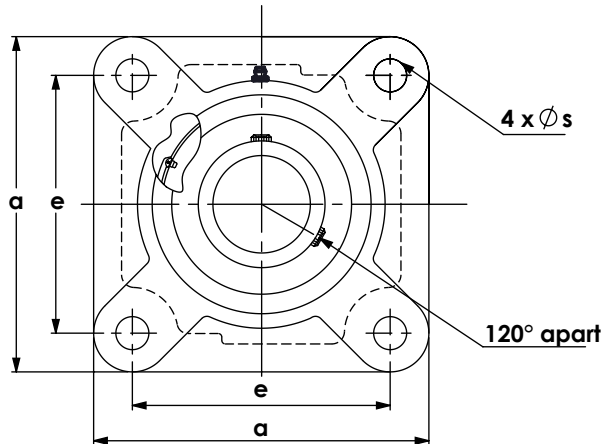
WJB Unit No.	Shaft Dia.		Dimensions									Bolt Size		Bearing No.	Housing No.	Weight	
	d		a	e	i	g	l	s	z	Bi	n	in.	mm				kg
	in.	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	in.	mm				
UCF 210-30	1 7/8																
210-31	1 15/16		143	111	22	18	40	16	54.6	51.6	19	1/2	M14	UC 210-30			
210-32	2		5.630	4.370	0.866	0.709	1.575	0.630	2.150	2.031	0.748			210-31	F210	1.70	
210		50												210-32			
														210			
UCF 211-32	2													UC 211-32			
211-34	2 1/8		162	130	25	20	43	19	58.4	55.6	22.2	5/8	M16	211-34	F211	2.30	
211-35	2 3/16		6.378	5.118	0.984	0.787	1.693	0.748	2.299	2.189	0.874			211-35			
211		55												211			
UCF 212-36	2 1/4													UC 212-36			
212-38	2 3/8		175	143	29	20	48	19	68.7	65.1	25.4	5/8	M16	212-38	F212	2.74	
212-39	2 7/16		6.890	5.630	1.142	0.787	1.890	0.748	2.705	2.563	1.000			212-39			
212		60												212			
UCF 213-40	2 1/2													UC 213-40			
213-41	2 9/16		187	149	30	20	50	19	69.7	65.1	25.4	5/8	M16	213-41	F213	3.30	
213		65	7.362	5.866	1.181	0.787	1.969	0.748	2.744	2.563	1.000			213			
UCF 214-42	2 5/8													UC 214-42			
214-43	2 11/16		193	152	31	24	54	19	75.4	74.6	30.2	5/8	M16	214-43	F214	4.05	
214-44	2 3/4		7.598	5.984	1.220	0.945	2.126	0.748	2.969	2.937	1.189			214-44			
214		70												214			
UCF 215-46	2 7/8													UC 215-46			
215-47	2 15/16		200	159	34	24	56	19	78.5	77.8	33.3	5/8	M16	215-47	F215	4.51	
215-48	3		7.874	6.260	1.339	0.945	2.205	0.748	3.091	3.063	1.311			215-48			
215		75												215			
UCF 216-50	3 1/8													UC 216-50			
216		80	8.189	6.496	1.339	0.945	2.283	0.906	3.252	1.311	1.311	3/4	M20	216	F216	4.74	
UCF 217-52	3 1/4													UC 217-52			
217-55	3 7/16		220	175	36	26	63	23	87.6	85.7	34.1	3/4	M20	217-55	F217	5.70	
217		85	8.661	6.890	1.417	1.024	2.48	0.906	3.449	3.374	1.343			217			
UCF 218-56	3 1/2													UC 218-56			
218		90	9.252	7.362	1.575	1.024	2.677	0.906	3.791	3.780	1.563	3/4	M20	218	F218	6.60	

Flange Units (Square) — Set Screw Type



UCF300 Series, 4 Bolts

- ◆ Medium duty, high-grade cast iron
- ◆ Solid foot housing design available
- ◆ Wide inner ring bearing
- ◆ Relubricatable unit with anti-rotation pin
- ◆ Standard seal : SR type seal or single lip seal
- ◆ Triple lip seal is available upon request
- ◆ Air handling unit is available with suffix "AH"
- ◆ Add prefix "S" for stainless steel version



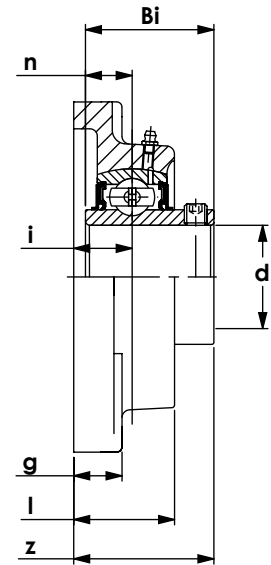
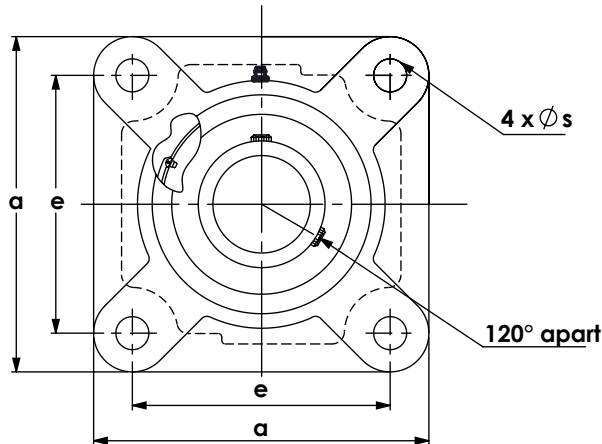
WJB Unit No.	Shaft Dia.		Dimensions									Bolt Size		Bearing No.	Housing No.	Weight kg
	d		a	e	i	g	l	s	z	Bi	n	in.	mm			
	in.	mm	mm in.	mm in.	mm in.	mm in.	mm in.	mm in.	mm in.	mm in.	mm in.					
UCF 305-14 305-15 305-16 305	7/8 15/16 1	25	110 4.331	80 3.150	16 0.630	13 0.512	29 1.142	16 0.630	39 1.535	38 1.496	15 0.591	1/2	M14	UC 305-14 305-15 305-16 305	F305	0.81
UCF 306-18 306-19 306-20 306	1 1/8 1 3/16 1 1/4	30	125 4.921	95 3.740	18 0.709	15 0.591	32 1.260	16 0.630	44 1.732	43 1.693	17 0.669	1/2	M14	UC 306-18 306-19 306-20 306	F306	1.20
UCF 307-20 307-21 307-22 307	1 1/4 1 5/16 1 3/8	35	135 5.315	100 3.937	20 0.7874	16 0.6299	36 1.4173	19 0.748	49 1.9291	48 1.8898	19 0.748	5/8	M16	UC 307-20 307-21 307-22 307	F307	1.50
UCF 308-24 308-25 308	1 1/2 1 9/16	40	150 5.906	112 4.409	23 0.906	17 0.669	40 1.575	19 0.748	56 2.205	52 2.047	19 0.748	5/8	M16	UC 308-24 308-25 308	F308	1.90
UCF 309-26 309-27 309-28 309	1 5/8 1 11/16 1 3/4	45	160 6.299	125 4.921	25 0.984	18 0.709	44 1.732	19 0.748	60 2.362	57 2.244	22 0.866	5/8	M16	UC 309-26 309-27 309-28 309	F309	2.20
UCF 310-30 310-31 310-32 310	1 7/8 1 15/16 2	50	175 6.890	132 5.197	28 1.102	19 0.748	48 1.890	23 0.906	67 2.638	61 2.402	22 0.866	1/4	M20	UC 310-30 310-31 310-32 310	F310	3.00
UCF 311-32 311-34 311-35 311	2 2 1/8 2 3/16	55	185 7.283	140 5.512	30 1.181	20 0.787	52 2.047	23 0.906	71 2.795	66 2.598	25 0.984	3/4	M20	UC 311-32 311-34 311-35 311	F311	3.20
UCF 312-36 312-38 312-39 312	2 1/4 2 3/8 2 7/16	60	195 7.677	150 5.906	33 1.299	22 0.866	56 2.205	23 0.906	78 3.071	71 2.795	26 1.024	3/4	M20	UC 312-36 312-38 312-39 312	F312	3.80

Flange Units (Square) — Set Screw Type



UCFX00 Series, 4 Bolts

- ◆ Medium duty, high-grade cast iron
- ◆ Solid foot housing design available
- ◆ Wide inner ring bearing
- ◆ Relubricatable unit with anti-rotation pin
- ◆ Standard seal : SR type seal or single lip seal
- ◆ Triple lip seal is available upon request
- ◆ Air handling unit is available with suffix "AH"
- ◆ Add prefix "S" for stainless steel version



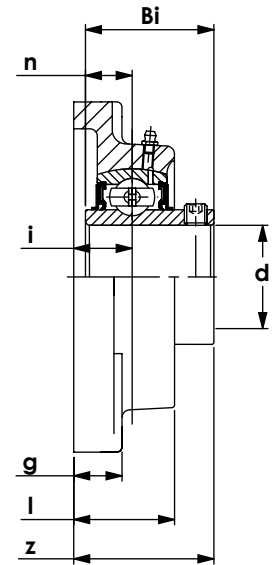
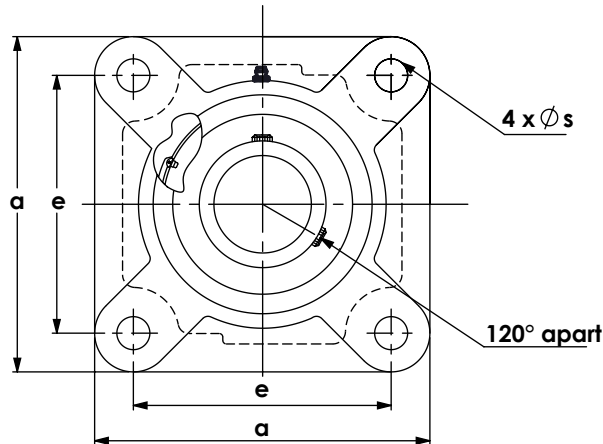
WJB Unit No.	Shaft Dia.		Dimensions									Bolt Size		Bearing No.	Housing No.	Weight kg
	d		a	e	i	g	l	s	z	Bi	n	in.	mm			
	in.	mm	mm in.	mm in.	mm in.	mm in.	mm in.	mm in.	mm in.	mm in.	mm in.					
UCFX 05-16 05	1	25	108 4.252	83 3.268	18 0.709	13 0.512	30 1.181	12 0.472	40.2 1.583	38.1 1.500	15.9 0.626	3/8	M10	UCX 05-16 05	FX05	1.02
UCFX 06-19 06-20 06	1 3/16 1 1/4	30	117 4.606	92 3.622	19 0.748	14.3 0.563	34 1.339	16 0.630	44.4 1.748	49.2 1.937	17.5 0.689	1/2	M14	UCX 06-19 06-20 06	FX06	1.46
UCFX 07-22 07-23 07	1 3/8 1 7/16	35	130 5.118	102 4.016	21 0.827	14.3 0.563	38 1.496	16 0.630	51.2 2.016	49.2 1.937	19 0.748	1/2	M14	UCX 07-22 07-23 07	FX07	1.94
UCFX 08-24 08	1 1/2	40	137 5.394	105 4.134	22 0.866	14.3 0.563	40 1.575	19 0.748	52.2 2.055	49.2 1.937	19 0.748	5/8	M16	UCX 08-24 08	FX08	2.20
UCFX 09-26 09-27 09-28 09	1 5/8 1 11/16 1 3/4	45	143 5.630	111 4.370	23 0.906	14.3 0.563	40 1.575	19 0.748	55.6 2.189	51.6 2.031	19 0.748	5/8	M16	UCX 09-26 09-27 09-28 09	FX09	2.42
UCFX 10-31 10-32 10	1 15/16 2	50	162 6.378	130 5.118	26 1.024	20 0.787	44 1.732	19 0.748	59.4 2.339	55.6 2.189	22.2 0.874	5/8	M16	UCX 10-31 10-32 10	FX10	3.41
UCFX 11-35 11-36 11	2 3/16 2 1/4	55	175 6.890	143 5.630	29 1.142	20 0.787	49 1.929	19 0.748	68.7 2.705	65.1 2.563	25.4 1.000	5/8	M16	UCX 11-35 11-36 11	FX11	4.52

Flange Units (Square) — Set Screw Type



UCFX00 Series, 4 Bolts

- ◆ Medium duty, high-grade cast iron
- ◆ Solid foot housing design available
- ◆ Wide inner ring bearing
- ◆ Relubricatable unit with anti-rotation pin
- ◆ Standard seal : SR type seal or single lip seal
- ◆ Triple lip seal is available upon request
- ◆ Air handling unit is available with suffix "AH"
- ◆ Add prefix "S" for stainless steel version



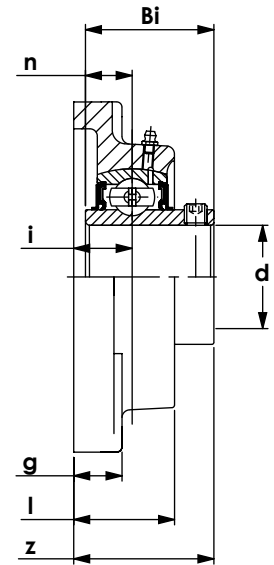
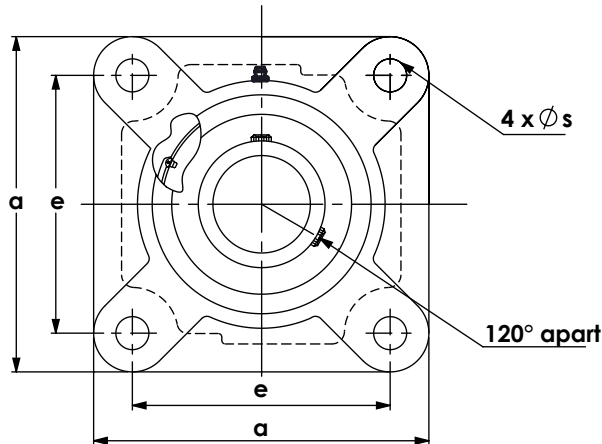
WJB Unit No.	Shaft Dia.		Dimensions									Bolt Size		Bearing No.	Housing No.	Weight
	d		a	e	i	g	l	s	z	Bi	n	in.	mm			
	in.	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm					
UCFX 12-38	2 3/8		187	149	34	21	59	19	73.7	65.1	25.4	5/8	M16	UCX 12-38	FX12	5.32
12-39	2 7/16		7.362	5.866	1.339	0.827	2.323	0.748	2.902	2.563	1.000			12		
12		60														
UCFX 13-40	2 1/2		187	149	34	21	59	19	78.4	74.6	30.2	5/8	M16	UCX 13-40	FX13	5.53
13		65	7.362	5.866	1.339	0.827	2.323	0.748	3.087	2.937	1.189			13		
UCFX 14-44	2 3/4		197	152	37	24	60	23	81.5	77.8	33.3	3/4	M20	UCX 14-44	FX14	6.77
14		70	7.756	5.984	1.457	0.945	2.362	0.906	3.209	3.063	1.311			14		
UCFX 15-47	2 15/16		197	152	40	24	68	23	89.9	82.6	33.3	3/4	M20	UCX 15-47	FX15	7.82
15-48	3		7.756	5.984	1.575	0.945	2.677	0.906	3.539	3.252	1.311			15		
15		75														
UCFX 16-50	3 1/8		214	171	40	24	70	23	91.6	85.7	34.1	3/4	M20	UCX 16-50	FX16	8.91
16		80	8.425	6.732	1.575	0.945	2.756	0.906	3.606	3.374	1.343			16		
UCFX 17-55	3 7/16		214	171	40	24	70	23	96.3	96	39.7	3/4	M20	UCX 17-55	FX17	10.23
17		85	8.425	6.732	1.575	0.945	2.756	0.906	3.791	3.780	1.563			17		
UCFX 18-56	3 1/2		214	171	45	24	76	23	106.1	104	42.9	3/4	M20	UCX 18-56	FX18	11.69
18		90	8.425	6.732	1.772	0.945	2.992	0.906	4.177	4.094	1.689			18		
UCFX 20-63	3 15/16		268	211	59	31	97	31	127.3	117.5	49.2	1 1/8	M27	UCX 20-63	FX20	19.44
20-64	4		10.551	8.307	2.323	1.220	3.819	1.220	5.012	4.626	1.937			20		
20		100														

Flange Units (Square) — Set Screw Type



UCFS200 Series, 4 Bolts

- ◆ Standard duty, high-grade cast iron
- ◆ Solid foot housing design available
- ◆ Wide inner ring bearing
- ◆ Relubricatable unit with anti-rotation pin
- ◆ Standard seal : SR type seal or single lip seal
- ◆ Triple lip seal is available upon request
- ◆ Air handling unit is available with suffix "AH"
- ◆ Add prefix "S" for stainless steel version



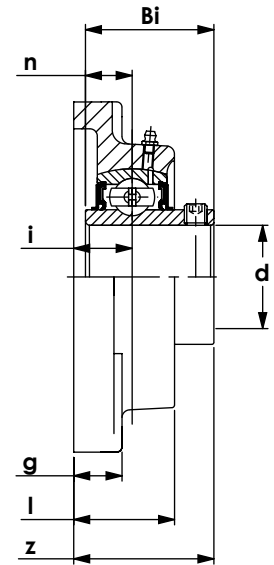
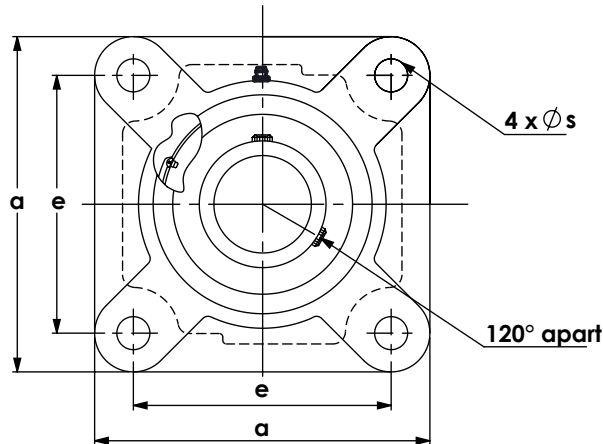
WJB Unit No.	Shaft Dia.		Dimensions									Bolt Size		Bearing No.	Housing No.	Weight kg
	d		a	e	i	g	l	s	n	z	Bi	in.	mm			
	in.	mm	mm in.	mm in.	mm in.	mm in.	mm in.	mm in.	mm in.	mm in.	mm in.					
UCFS 201 201-8	1/2	12	86 3.386	63.5 2.500	19 0.748	15 0.591	29.5 1.161	11.5 0.472	17.1 0.673	38.9 1.531	31 1.220	3/8	M10	UC 201 201-8	FS204	0.50
UCFS 202-9 202-10 202	9/16 5/8	15	86 3.386	63.5 2.500	19 0.748	15 0.591	29.5 1.161	11.5 0.472	17.1 0.673	38.9 1.531	31 1.220	3/8	M10	UC 202-9 202-10 202	FS204	0.50
UCFS 203-11 203	11/16 17	17	86 3.386	63.5 2.500	19 0.748	15 0.591	29.5 1.161	11.5 0.472	17.1 0.673	38.9 1.531	31 1.220	3/8	M10	UC 203-11 203	FS204	0.50
UCFS 204-12 204	3/4 20	20	86 3.386	63.5 2.500	19 0.748	15 0.591	29.5 1.161	11.5 0.472	17.1 0.673	38.9 1.531	31 1.220	3/8	M10	UC 204-12 204	FS204	0.50
UCFS 205-14 205-15 205-16 205	7/8 15/16 1 25	25	93 3.661	70 2.756	19 0.748	15 0.591	30 1.181	11.5 0.453	17.5 0.689	40.8 1.606	34.1 1.343	3/8	M10	UC 205-14 205-15 205-16 205	FS205	0.58
UCFS 206-17 206-18 206-19 206-20 206	1 1/16 1 1/8 1 3/16 1 1/4 30	30	106 4.173	82.5 3.248	20 0.787	16 0.630	32.5 1.280	13 0.512	18.3 0.720	44.8 1.764	38.1 1.500	7/16	M12	UC 206-17 206-18 206-19 206-20 206	FS206	0.83
UCFS 207-20 207-21 207-22 207-23 207	1 1/4 1 5/16 1 3/8 1 7/16 35	35	116 4.567	92 3.622	21 0.827	17 0.669	35 1.378	13 0.512	18.8 0.740	47.4 1.866	42.9 1.689	7/16	M12	UC 207-20 207-21 207-22 207-23 207	FS207	1.00
UCFS 208-24 208-25 208	1 1/2 1 9/16 40	40	129 5.079	101.5 3.996	24 0.945	17 0.669	39 1.535	14 0.551	21.4 0.843	54.7 2.154	49.2 1.937	7/16	M12	UC 208-24 208-25 208	FS208	1.23
UCFS 209-26 209-27 209-28 209	1 5/8 1 11/16 1 3/4 45	45	135 5.315	105 4.134	24 0.945	18 0.709	40 1.575	16 0.630	21.4 0.843	54.7 2.154	49.2 1.937	1/2	M14	UC 209-26 209-27 209-28 209	FS209	1.39

Flange Units (Square) — Set Screw Type



UCFS200 Series, 4 Bolts

- ◆ Standard duty, high-grade cast iron
- ◆ Solid foot housing design available
- ◆ Wide inner ring bearing
- ◆ Relubricatable unit with anti-rotation pin
- ◆ Standard seal : SR type seal or single lip seal
- ◆ Triple lip seal is available upon request
- ◆ Air handling unit is available with suffix "AH"
- ◆ Add prefix "S" for stainless steel version



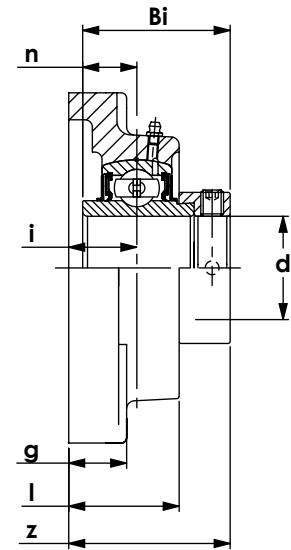
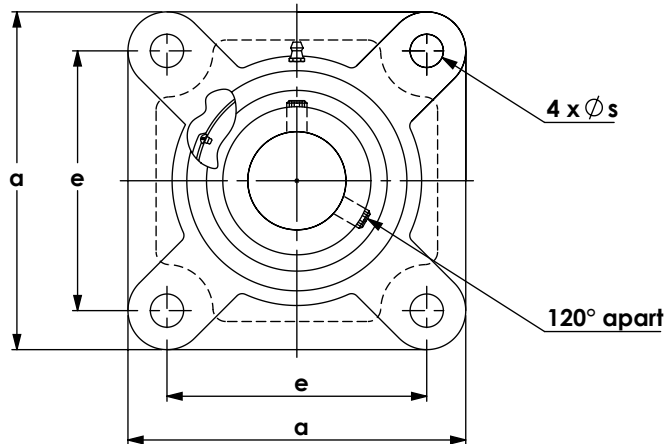
WJB Unit No.	Shaft Dia.		Dimensions									Bolt Size		Bearing No.	Housing No.	Weight kg
	d		a	e	i	g	l	s	n	z	Bi	in.	mm			
	in.	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm					
UCFS 210-30 210-31 210-32 210	1 7/8 1 15/16 2	50	143 5.630	111 4.370	28 1.102	20 0.787	45 1.772	16 0.630	24.6 0.969	60.4 2.378	51.6 2.031	1/2	M14	UC 210-30 210-31 210-32 210	FS210	1.80
UCFS 211-32 211-34 211-35 211	2 2 1/8 2 3/16	55	162 6.378	130 5.118	31 1.220	21 0.827	49 1.929	17 0.669	27.8 1.094	64.4 2.535	55.6 2.189	1/2	M14	UC 211-32 211-34 211-35 211	FS211	2.50
UCFS 212-36 212-38 212-39 212	2 1/4 2 3/8 2 7/16	60	175 6.890	143 5.630	34 1.339	22 0.866	52.5 2.067	17 0.669	31 1.220	73.7 2.902	65.1 2.563	1/2	M14	UC 212-36 212-38 212-39 212	FS212	2.80
UCFS 213-40 213-41 213	2 1/2 2 9/16	65	184 7.244	149 5.866	38 1.496	22 0.866	58 2.283	18 0.709	34.1 1.343	77.7 3.060	25.4 1.000	5/8	M16	UC 213-40 213-41 213	FS213	3.10
UCFS 214-42 214-43 214-44 214	2 5/8 2 11/16 2 3/4	70	188 7.402	152 5.984	38 1.496	23 0.906	60 2.362	18 0.709	34.1 1.343	82.4 3.244	74.6 2.937	5/8	M16	UC 214-42 214-43 214-44 214	FS214	3.60
UCFS 215-46 215-47 215-48 215	2 7/8 2 15/16 3	75	200 7.874	152.4 6.000	41 1.614	24 0.945	62 2.441	20 0.787	37.3 1.469	85.5 3.366	77.8 3.063	5/8	M16	UC 215-46 215-47 215-48 215	FS215	4.60

Flange Units (Square) — Eccentric Locking Collar



HCFS200 Series, 4 Bolts

- ◆ Standard duty, high-grade cast iron
- ◆ Solid foot housing design available
- ◆ Wide inner ring bearing
- ◆ Relubricatable unit, no anti-rotation pin
- ◆ Standard seal : SR type seal or single lip seal
- ◆ Triple lip seal is available upon request
- ◆ Air handling unit is available with suffix "AH"
- ◆ Add prefix "S" for stainless steel version



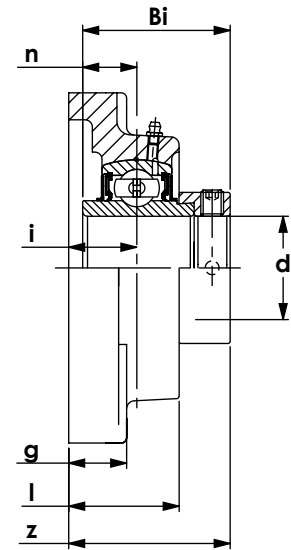
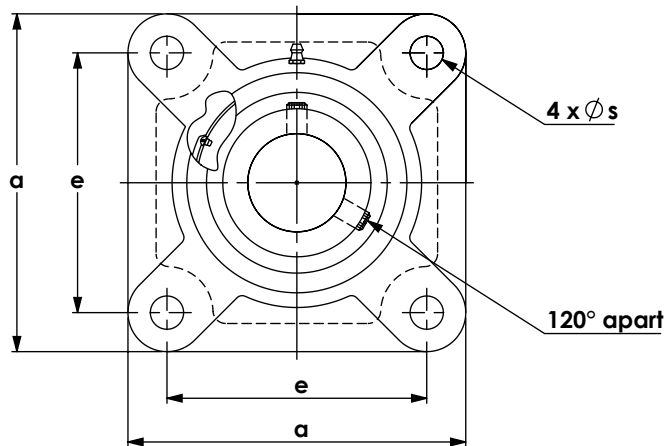
WJB Unit No.	Shaft Dia.		Dimensions									Bolt Size		Bearing No.	Housing No.	Weight kg
	d		a	e	i	g	l	s	n	z	Bi	in.	mm			
	in.	mm	mm in.	mm in.	mm in.	mm in.	mm in.	mm in.	mm in.	mm in.	mm in.					
HCFS 201 201-8	1/2	12	86 3.386	63.5 2.500	19 0.748	15 0.591	29.5 1.161	11.5 0.472	17.1 0.673	45.5 1.791	43.7 1.720	3/8	M10	HC 201 201-8	FS204	0.50
HCFS 202-9 202-10 202	9/16 5/8	15	86 3.386	63.5 2.500	19 0.748	15 0.591	29.5 1.161	11.5 0.472	17.1 0.673	45.5 1.791	43.7 1.720	3/8	M10	HC 202-9 202-10 202	FS204	0.50
HCFS 203-11 203	11/16 17	17	86 3.386	63.5 2.500	19 0.748	15 0.591	29.5 1.161	11.5 0.472	17.1 0.673	45.5 1.791	43.7 1.720	3/8	M10	HC 203-11 203	FS204	0.50
HCFS 204-12 204	3/4 20	20	86 3.386	63.5 2.500	19 0.748	15 0.591	29.5 1.161	11.5 0.472	17.1 0.673	45.5 1.791	43.7 1.791	3/8	M10	HC 204-12 204	FS204	0.50
HCFS 205-14 205-15 205-16 205	7/8 15/16 1 25	25	93 3.661	70 2.756	19 0.748	15 0.591	30 1.181	11.5 0.453	17.5 0.689	45.9 1.807	44.4 1.748	3/8	M10	HC 205-14 205-15 205-16 205	FS205	0.58
HCFS 206-17 206-18 206-19 206-20 206	1 1/16 1 1/8 1 3/16 1 1/4 30	30	106 4.173	82.5 3.248	20 0.787	16 0.630	32.5 1.280	13 0.512	18.3 0.720	50.1 1.972	48.4 1.906	7/16	M12	HC 206-17 206-18 206-19 206-20 206	FS206	0.83
HCFS 207-20 207-21 207-22 207-23 207	1 1/4 1 5/16 1 3/8 1 7/16 35	35	116 4.567	92 3.622	21 0.827	17 0.669	35 1.378	13 0.512	18.8 0.740	53.3 2.098	51.1 2.012	7/16	M12	HC 207-20 207-21 207-22 207-23 207	FS207	1.00
HCFS 208-24 208-25 208	1 1/2 1 9/16 40	40	129 5.079	101.5 3.996	24 0.945	17 0.669	39 1.535	14 0.551	21.4 0.843	58.9 2.319	56.3 2.217	7/16	M12	HC 208-24 208-25 208	FS208	1.23
HCFS 209-26 209-27 209-28 209	1 5/8 1 11/16 1 3/4 45	45	135 5.315	105 4.134	24 0.945	18 0.709	40 1.575	16 0.630	21.4 0.843	58.9 2.319	56.3 2.217	1/2	M14	HC 209-26 209-27 209-28 209	FS209	1.39

Flange Units (Square) — Eccentric Locking Collar



HCFS200 Series, 4 Bolts

- ◆ Standard duty, high-grade cast iron
- ◆ Solid foot housing design available
- ◆ Wide inner ring bearing
- ◆ Relubricatable unit, no anti-rotation pin
- ◆ Standard seal : SR type seal or single lip seal
- ◆ Triple lip seal is available upon request
- ◆ Air handling unit is available with suffix "AH"
- ◆ Add prefix "S" for stainless steel version



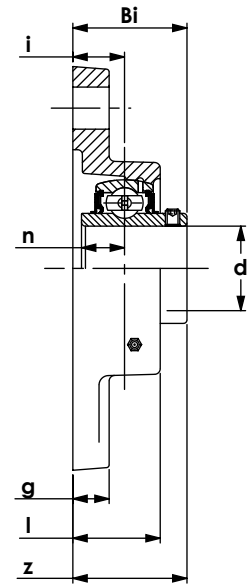
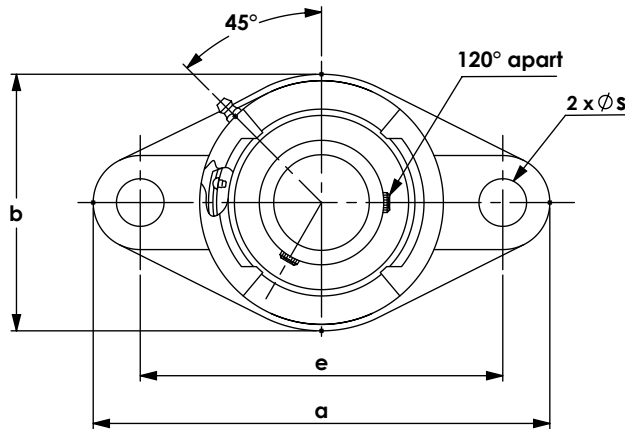
WJB Unit No.	Shaft Dia.		Dimensions									Bolt Size		Bearing No.	Housing No.	Weight kg		
	d		a	e	i	g	l	s	n	z	Bi	in.	mm					
	in.	mm	mm in.	mm in.	mm in.	mm in.	mm in.	mm in.	mm in.	mm in.	mm in.							
HCFS 210-30	1 7/8																	
210-31	1 15/16		143	111	28	20	45	16	24.6	66.1	62.7							
210-32	2		5.630	4.370	1.102	0.787	1.772	0.630	0.969	2.602	2.469	1/2	M14	HC 210-30				
210		50												210-31				1.80
														210-32				
														210	FS210			
HCFS 211-32	2													HC 211-32				
211-34	2 1/8		162	130	31	21	49	17	27.8	74.6	71.4			211-34				
211-35	2 3/16		6.378	5.118	1.220	0.827	1.929	0.669	1.094	2.937	2.811	1/2	M14	211-35				
211		55												211	FS211			2.50
HCFS 212-36	2 1/4													HC 212-36				
212-38	2 3/8		175	143	34	22	52.5	17	31	80.8	77.8			212-38				
212-39	2 7/16		6.890	5.630	1.339	0.866	2.067	0.669	1.220	3.181	3.063	1/2	M14	212-39				
212		60												212	FS212			2.80
HCFS 213-40	2 1/2													HC 213-40				
213-41	2 9/16		184	149	38	22	58	18	34.1	89.6	85.7			213-41				
213		65	7.244	5.866	1.496	0.866	2.283	0.709	1.343	3.528	3.374	5/8	M16	213	FS213			3.10
HCFS 214-42	2 5/8													HC 214-42				
214-43	2 11/16		188	152	38	23	60	18	34.1	89.6	85.7			214-43				
214-44	2 3/4		7.402	5.984	1.496	0.906	2.362	0.709	1.343	3.528	3.374	5/8	M16	214-44				
214		70												214	FS214			3.60
HCFS 215-46	2 7/8													HC 215-46				
215-47	2 15/16		200	152.4	41	24	62	20	37.3	95.8	92.1			215-47				
215-48	3		7.874	6.000	1.614	0.945	2.441	0.787	1.469	3.772	3.626	5/8	M16	215-48				
215		75												215	FS215			4.60

Flange Units (Oval) — Set Screw Type



UCFL200 Series, 2 Bolts

- ◆ Standard duty, high-grade cast iron
- ◆ Solid foot housing design
- ◆ Wide inner ring bearing
- ◆ Relubricatable unit with anti-rotation pin
- ◆ Standard seal : SR type seal or single lip seal
- ◆ Triple lip seal is available upon request
- ◆ Air handling unit is available with suffix "AH"
- ◆ Add prefix "S" for stainless steel version



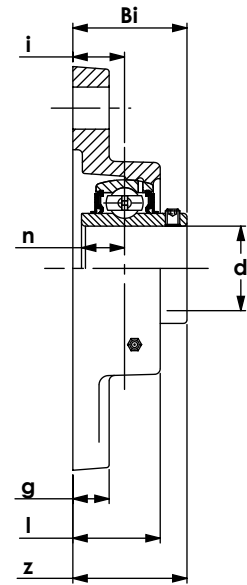
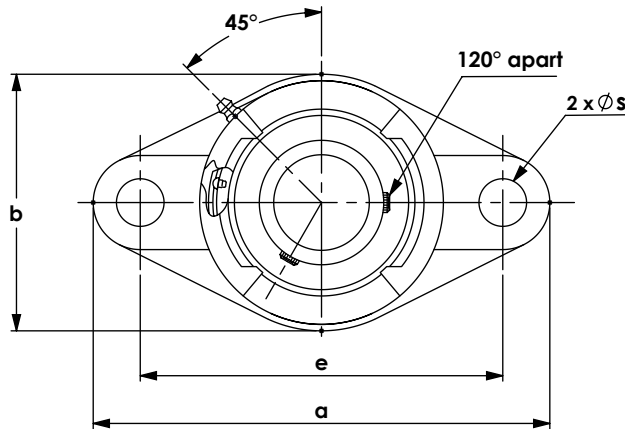
WJB Unit No.	Shaft Dia.		Dimensions										Bolt Size		Bearing No.	Housing No.	Weight kg
	d		a	e	i	g	l	s	b	z	Bi	n	in.	mm			
	in.	mm	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	mm			
UCFL 201 201-8	1/2	12	113 4.449	90 3.543	15 0.591	12 0.472	25.5 1.004	12 0.472	60 2.362	33.3 1.311	31 1.220	12.7 0.500	3/8	M10	UC 201 201-8	FL204	0.25
UCFL 202-9 202-10 202	9/16 5/8	15	113 4.449	90 3.543	15 0.591	12 0.472	25.5 1.004	12 0.472	60 2.362	33.3 1.311	31 1.220	12.7 0.500	3/8	M10	UC 202-9 202-10 202	FL204	0.25
UCFL 203-11 203	11/16	17	113 4.449	90 3.543	15 0.591	12 0.472	25.5 1.004	12 0.472	60 2.362	33.3 1.311	31 1.220	12.7 0.500	3/8	M10	UC 203-11 203	FL204	0.25
UCFL 204-12 204	3/4	20	113 4.449	90 3.543	15 0.591	12 0.472	25.5 1.004	12 0.472	60 2.362	33.3 1.311	31 1.220	12.7 0.500	3/8	M10	UC 204-12 204	FL204	0.25
UCFL 205-14 205-15 205-16 205	7/8 15/16 1	25	130 5.118	99 3.898	16 0.630	14 0.551	27 1.063	16 0.630	68 2.677	35.7 1.406	34.1 1.343	14.3 0.563	1/2	M14	UC 205-14 205-15 205-16 205	FL205	0.4
UCFL 206-17 206-18 206-19 206-20 206	1 1/16 1 1/8 1 3/16 1 1/4	30	148 5.827	117 4.606	18 0.709	14 0.551	31 1.220	16 0.630	80 3.150	40 1.583	38 1.500	16 0.626	1/2	M14	UC 206-17 206-18 206-19 206-20 206	FL206	0.56
UCFL 207-20 207-21 207-22 207-23 207	1 1/4 1 5/16 1 3/8 1 7/16	35	161 6.339	130 5.118	19 0.748	16 0.630	34 1.339	16 0.630	90 3.543	44.4 1.748	42.9 1.689	17.5 0.689	1/2	M14	UC 207-20 207-21 207-22 207-23 207	FL207	0.68
UCFL 208-24 208-25 208	1 1/2 1 9/16	40	175 6.890	144 5.669	21 0.827	16 0.630	36 1.417	16 0.630	100 3.937	51.2 2.016	49.2 1.937	19 0.748	1/2	M14	UC 208-24 208-25 208	FL208	0.84
UCFL 209-26 209-27 209-28 209	1 5/8 1 11/16 1 3/4	45	188 7.402	148 5.827	22 0.866	18 0.709	38 1.496	19 0.748	108 4.252	52.2 2.055	49.2 1.937	19 0.748	5/8	M16	UC 209-26 209-27 209-28 209	FL209	1.15

Flange Units (Oval) — Set Screw Type



UCFL200 Series, 2 Bolts

- ◆ Standard duty, high-grade cast iron
- ◆ Solid foot housing design
- ◆ Wide inner ring bearing
- ◆ Relubricatable unit with anti-rotation pin
- ◆ Standard seal : SR type seal or single lip seal
- ◆ Triple lip seal is available upon request
- ◆ Air handling unit is available with suffix "AH"
- ◆ Add prefix "S" for stainless steel version



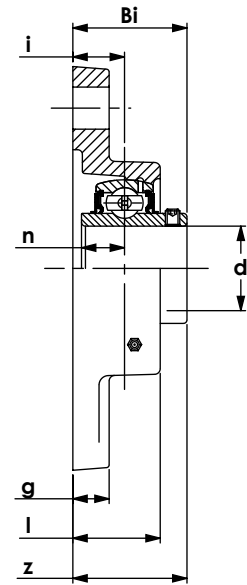
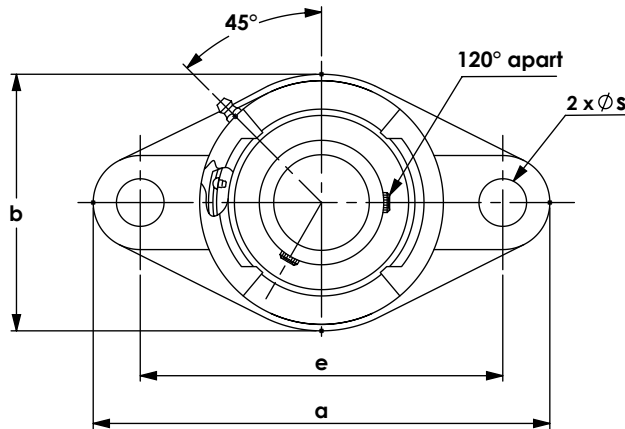
WJB Unit No.	Shaft Dia.		Dimensions										Bolt Size		Bearing No.	Housing No.	Weight kg
	d		a	e	i	g	l	s	b	z	Bi	n	in.	mm			
	in.	mm	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	mm			
UCFL 210-30 210-31 210-32 210	1 7/8 1 15/16 2	50	197 7.756	157 6.181	22 0.866	18 0.709	40 1.575	19 0.748	115 4.528	54.6 2.150	51.6 2.031	19 0.748	5/8 M16	UC 210-30 210-31 210-32 210	FL210	1.33	
UCFL 211-32 211-34 211-35 211	2 2 1/8 2 3/16	55	224 8.819	184 7.244	25 0.984	20 0.787	43 1.693	19 0.748	130 5.118	58.4 2.299	55.6 2.189	22.2 0.874	5/8 M16	UC 211-32 211-34 211-35 211	FL211	1.85	
UCFL 212-36 212-38 212-39 212	2 1/4 2 3/8 2 7/16	60	250 9.843	202 7.953	29 1.142	20 0.787	48 1.890	23 0.906	140 5.512	68.7 2.705	65.1 2.563	25.4 1.000	3/4 M20	UC 212-36 212-38 212-39 212	FL212	2.34	
UCFL 213-40 213-41 213	2 1/2 2 9/16	65	258 10.157	210 8.268	30 1.181	24 0.945	50 1.969	23 0.906	155 6.102	69.7 2.744	65.1 2.563	25.4 1.000	3/4 M20	UC 213-40 213-41 213	FL213	2.9	
UCFL 214-42 214-43 214-44 214	2 5/8 2 11/16 2 3/4	70	265 10.433	216 8.504	31 1.220	24 0.945	54 2.126	23 0.906	160 6.299	75.4 2.969	74.6 2.937	30.2 1.189	3/4 M20	UC 214-42 214-43 214-44 214	FL214	3.2	
UCFL 215-46 215-47 215-48 215	2 7/8 2 15/16 3	75	275 10.827	225 8.858	34 1.339	24 0.945	56 2.205	23 0.906	165 6.496	78.5 3.091	77.8 3.063	33.3 1.311	3/4 M20	UC 215-46 215-47 215-48 215	FL215	3.5	
UCFL 216-50 216	3 1/8	80	290 11.417	233 9.173	34 1.339	24 0.945	58 2.283	25 0.984	180 7.087	83.3 3.280	82.6 3.252	33.3 1.311	7/8 M22	UC 216-50 216	FL216	4.37	
UCFL 217-52 217	3 1/4	85	305 12.008	248 9.764	36 1.417	26 1.024	63 2.480	25 0.984	190 7.480	87.6 3.449	85.7 3.374	34.1 1.343	7/8 M22	UC 217-52 217	FL217	5.17	
UCFL 218-56 218	3 1/2	90	320 12.598	265 10.433	40 1.575	26 1.024	68 2.677	25 0.984	205 8.071	96.3 3.791	96 3.780	39.7 1.563	7/8 M22	UC 218-56 218	FL218	6.2	

Flange Units (Oval) — Set Screw Type



UCFT200 Series, 2 Bolts

- ◆ Standard duty, high-grade cast iron
- ◆ Solid foot housing design
- ◆ Wide inner ring bearing
- ◆ Relubricatable unit with anti-rotation pin
- ◆ Standard seal : SR type seal or single lip seal
- ◆ Triple lip seal is available upon request
- ◆ Air handling unit is available with suffix "AH"
- ◆ Add prefix "S" for stainless steel version



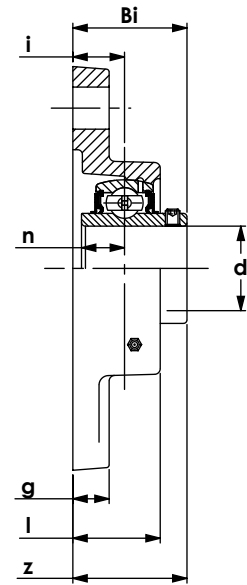
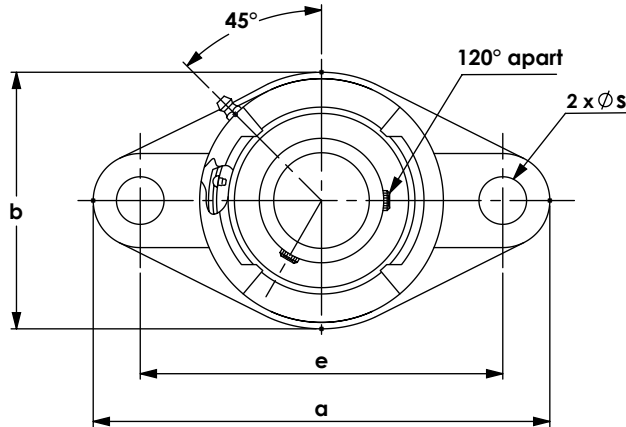
WJB Unit No.	Shaft Dia.		Dimensions										Bolt Size		Bearing No.	Housing No.	Weight kg
	d		a	e	i	g	l	s	b	z	Bi	n					
	in.	mm	mm in.	mm in.	mm in.	mm in.	mm in.	mm in.	mm in.	mm in.	mm in.	mm in.	in.	mm			
UCFT 201 201-8	12 1/2	112 4.409	89.7 3.531	14.3 0.563	11 0.433	25 0.984	10.5 0.472	60 2.362	32.6 1.283	31 1.220	12.7 0.500	5/16	M8	UC 201 201-8	FT204	0.28	
UCFT 202-9 202-10 202	9/16 5/8 15	112 4.409	89.7 3.531	14.3 0.563	11 0.433	25 0.984	10.5 0.472	60 2.362	32.6 1.283	31 1.220	12.7 0.500	5/16	M8	UC 202-9 202-10 202	FT204	0.28	
UCFT 203-11 203	11/16 17	112 4.409	89.7 3.531	14.3 0.563	11 0.433	25 0.984	10.5 0.472	60 2.362	32.6 1.283	31 1.220	12.7 0.500	5/16	M8	UC 203-11 203	FT204	0.28	
UCFT 204-12 204	3/4 20	112 4.409	89.7 3.531	14.3 0.563	11 0.433	25 0.984	10.5 0.472	60 2.362	32.6 1.283	31 1.220	12.7 0.500	5/16	M8	UC 204-12 204	FT204	0.28	
UCFT 205-14 205-15 205-16 205	7/8 15/16 1 25	124 4.882	98.8 3.890	15.9 0.626	13 0.512	27 1.063	12.5 0.492	70 2.756	35.6 1.402	34.1 1.343	14.3 0.563	3/8	M10	UC 205-14 205-15 205-16 205	FT205	0.47	
UCFT 206-17 206-18 206-19 206-20 206	1 1/16 1 1/8 1 3/16 1 1/4 30	141 5.551	116.7 4.594	17.9 0.705	13 0.512	30 1.181	12.5 0.492	83 3.268	40.1 1.579	38.1 1.500	15.9 0.626	3/8	M10	UC 206-17 206-18 206-19 206-20 206	FT206	0.55	
UCFT 207-20 207-21 207-22 207-23 207	1 1/4 1 5/16 1 3/8 1 7/16 35	156 6.142	130.2 5.126	19.1 0.752	14 0.551	34 1.339	14 0.551	95 3.740	44.5 1.752	42.9 1.689	17.5 0.689	7/16	M12	UC 207-20 207-21 207-22 207-23 207	FT207	0.85	

Flange Units (Oval) — Set Screw Type



UCFT200 Series, 2 Bolts

- ◆ Standard duty, high-grade cast iron
- ◆ Solid foot housing design
- ◆ Wide inner ring bearing
- ◆ Relubricatable unit with anti-rotation pin
- ◆ Standard seal : SR type seal or single lip seal
- ◆ Triple lip seal is available upon request
- ◆ Air handling unit is available with suffix "AH"
- ◆ Add prefix "S" for stainless steel version



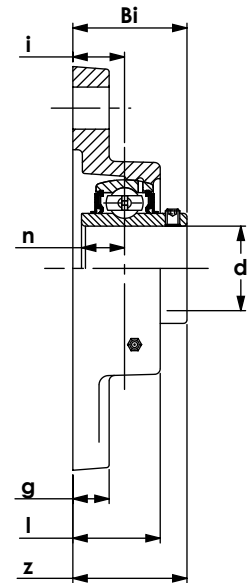
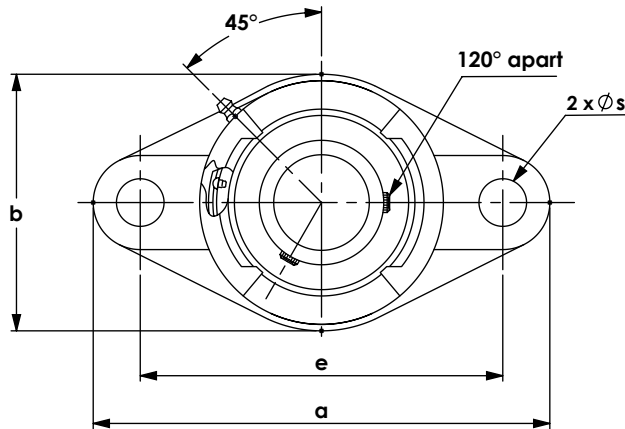
WJB Unit No.	Shaft Dia.		Dimensions										Bolt Size		Bearing No.	Housing No.	Weight kg			
	d		a	e	i	g	l	s	b	z	Bi	n	in.	mm						
	in.	mm	mm in.	mm in.	mm in.	mm in.	mm in.	mm in.	mm in.	mm in.	mm in.	mm in.								
UCFT 208-24	1 1/2																			
208-25	1 9/16		171	143.7	21	14	38	14	105	51.2	49.2	19	7/16	M12	UC 208-24					
208		40	6.732	5.657	0.827	0.551	1.496	0.551	4.134	2.016	1.937	0.748			208-25	FT208			0.91	
															208					
UCFT 209-26	1 5/8																			
209-27	1 11/16		179	148.4	21.8	14	40	16	111	52	49.2	19	1/2	M14	UC 209-26					
209-28	1 3/4		7.047	5.843	0.858	0.551	1.575	0.630	4.370	2.047	1.937	0.748			209-27	FT209			1.05	
209		45													209-28					
															209					
UCFT 210-30	1 7/8																			
210-31	1 15/16		189	157.2	22.2	14	40	16	116	54.8	51.6	19	1/2	M14	UC 210-30					
210-32	2		7.441	6.189	0.874	0.551	1.575	0.630	4.567	2.157	2.031	0.748			210-31	FT210			1.50	
210		50													210-32					
															210					
UCFT 211-32	2																			
211-34	2 1/8		216	184.2	25.4	21	44	18	133	58.8	55.6	22.2	5/8	M16	UC 211-32					
211-35	2 3/16		8.504	7.252	1.000	0.827	1.732	0.709	5.236	2.315	2.189	0.874			211-34	FT211			1.65	
211		55													211-35					
															211					

Flange Units (Oval) — Set Screw Type



UCFLX00 Series, 2 Bolts

- ◆ Standard duty, high-grade cast iron
- ◆ Solid foot housing design available
- ◆ Wide inner ring bearing
- ◆ Relubricatable unit with anti-rotation pin
- ◆ Standard seal : SR type seal or single lip seal
- ◆ Triple lip seal is available upon request
- ◆ Air handling unit is available with suffix "AH"
- ◆ Add prefix "S" for stainless steel version



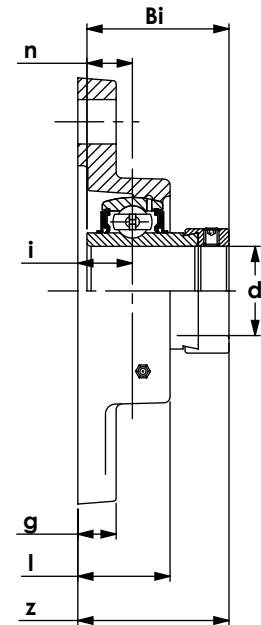
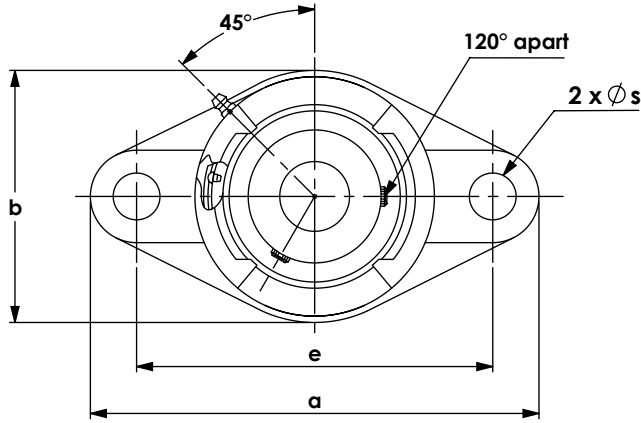
WJB Unit No.	Shaft Dia.		Dimensions										Bolt Size		Bearing No.	Housing No.	Weight kg			
	d		a	e	i	g	l	s	b	z	Bi	n	in.	mm						
	in.	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm								
UCFLX 05-13	13/16																			
05-14	7/8		141	117	18	13	30	12	83	40.2	38.1	15.9	3/8	M10	UCX 05-13		FLX05	0.61		
05-15	15/16		5.551	4.606	0.709	0.512	1.181	0.472	3.268	1.583	1.500	0.626			05-15					
05-16	1														05-16					
05	25														05					
UCFLX 06-17	1 1/16												1/2	M14	UCX 06-17		FLX06	0.82		
06-18	1 1/8		156	130	19	14	34	16	95	44.4	42.9	17.5			06-18					
06-19	1 3/16		6.142	5.118	0.748	0.551	1.339	0.630	3.740	1.748	1.689	0.689			06-19					
06-20	1 1/4														06-20					
06	30														06					
UCFLX 07-20	1 1/4												1/2	M14	UCX 07-20		FLX07	1.31		
07-21	1 5/16		171	144	21	14	38	16	105	51.2	49.2	19			07-21					
07-22	1 3/8		6.732	5.669	0.827	0.551	1.496	0.630	4.134	2.016	1.937	0.748			07-22					
07-23	1 7/16														07-23					
07	35														07					
UCFLX 08-24	1 1/2												1/2	M14	UCX 08-24		FLX208	1.27		
08-25	1 9/16		179	148	22	14	40	16	111	52.2	49.2	19			08-25					
08	40		7.047	5.827	0.866	0.551	1.575	0.630	4.370	2.055	1.937	0.748			08					
UCFLX 09-26	1 5/8												1/2	M14	UCX 09-26		FLX209	1.4		
09-27	1 11/16		189	157	23	14	40	16	116	55.6	51.6	19			09-27					
09-28	1 3/4		7.441	6.181	0.906	0.551	1.575	0.630	4.567	2.189	2.031	0.748			09-28					
09	45														09					
UCFLX 10-29	1 13/16												5/8	M16	UCX 10-29		FLX210	2.05		
10-30	1 7/8		216	184	26	20	44	19	133	59.4	55.6	22.2			10-30					
10-31	1 15/16		8.504	7.244	1.024	0.787	1.732	0.748	5.236	2.339	2.189	0.874			10-31					
10-32	2														10-32					
10	50														10					

Flange Units (Oval) — Eccentric Locking Collar



HCFTS200 Series, 2 Bolts

- ◆ Standard duty, high-grade cast iron
- ◆ Solid foot housing design
- ◆ Wide inner ring bearing
- ◆ Relubricatable unit with anti-rotation pin
- ◆ Standard seal : SR type seal or single lip seal
- ◆ Triple lip seal is available upon request
- ◆ Air handling unit is available with suffix "AH"
- ◆ Add prefix "S" for stainless steel version



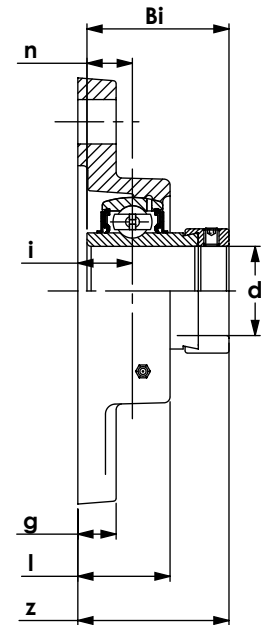
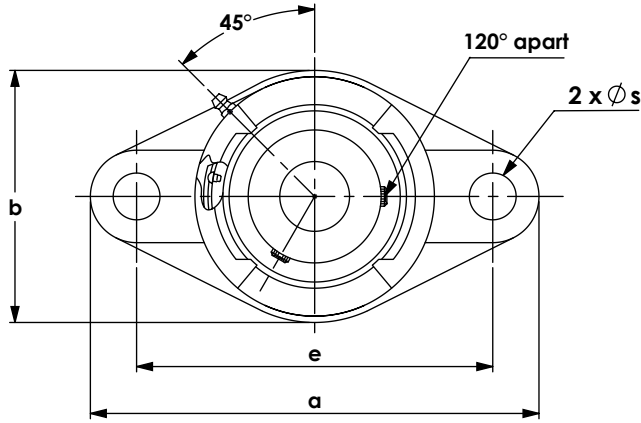
WJB Unit No.	Shaft Dia.		Dimensions										Bolt Size		Bearing No.	Housing No.	Weight kg
	d		a	e	i	g	l	s	b	z	Bi	n	in.	mm			
	in.	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm					
HCFTS 201 201-8	12 1/2		111.9 4.409	89.7 3.531	19.1 0.752	11.1 0.437	31.6 1.244	10.3 0.472	60.3 2.374	45.2 1.781	43.7 1.720	17.1 0.500	5/16	M8	HC 201 201-8	FTS204	0.50
HCFTS 202-9 202-10 202	9/16 5/8 15		111.9 4.409	89.7 3.531	19.1 0.752	11.1 0.437	31.6 1.244	31.6 1.244	60.3 2.374	45.2 1.781	43.7 1.720	17.1 0.500	5/16	M8	HC 202-9 202-10 202	FTS204	0.45
HCFTS 203-11 203	11/16 17		111.9 4.409	89.7 3.531	19.1 0.752	11.1 0.437	31.6 1.244	10.3 0.472	60.3 2.374	45.2 1.781	43.7 1.720	17.1 0.500	5/16	M8	HC 203-11 203	FTS204	0.50
HCFTS 204-12 204	3/4 20		111.9 4.409	89.7 3.531	19.1 0.752	11.1 0.437	31.6 1.244	10.3 0.472	60.3 2.374	45.244 1.781	43.7 1.720	17.1 0.500	5/16	M8	HC 204-12 204	FTS204	0.62
HCFTS 205-14 205-15 205-16 205	7/8 15/16 1 25		123.8 4.874	98.8 3.890	19.1 0.752	13.5 0.531	33.3 1.311	12.7 0.500	70 2.756	46.8 1.844	44.4 1.748	17.5 0.689	3/8	M10	HC 205-14 205-15 205-16 205	FTS205	0.85
HCFTS 206-17 206-18 206-19 206-20 206	1 1/16 1 1/8 1 3/16 1 1/4 30		141.3 5.563	116.7 4.594	21 0.827	13.5 0.531	35 1.378	12.7 0.500	79.5 3.130	50.8 2.000	48.4 1.906	18.3 0.720	3/8	M10	HC 206-17 206-18 206-19 206-20 206	FTS206	1.10
HCFTS 207-20 207-21 207-22 207-23 207	1 1/4 1 5/16 1 3/8 1 7/16 35		155.6 6.126	130.2 5.126	23 0.906	14.3 0.563	37.3 1.469	13.9 0.547	92 3.622	54 2.125	51.1 2.012	18.8 0.740	7/16	M12	HC 207-20 207-21 207-22 207-23 207	FTS207	1.65

Flange Units (Oval) — Eccentric Locking Collar



HCFTS200 Series, 2 Bolts

- ◆ Standard duty, high-grade cast iron.
- ◆ Solid foot housing design
- ◆ Wide inner ring bearing
- ◆ Relubricatable unit with anti-rotation pin
- ◆ Standard seal : SR type seal or single lip seal
- ◆ Triple lip seal is available upon request
- ◆ Air handling unit is available with suffix "AH"
- ◆ Add prefix "S" for stainless steel version



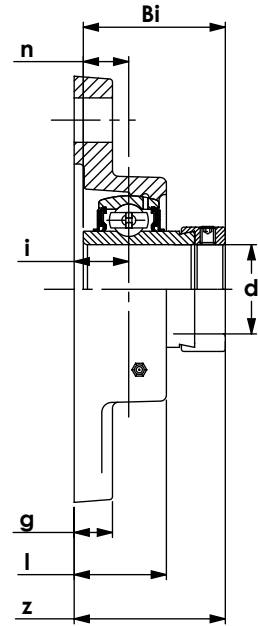
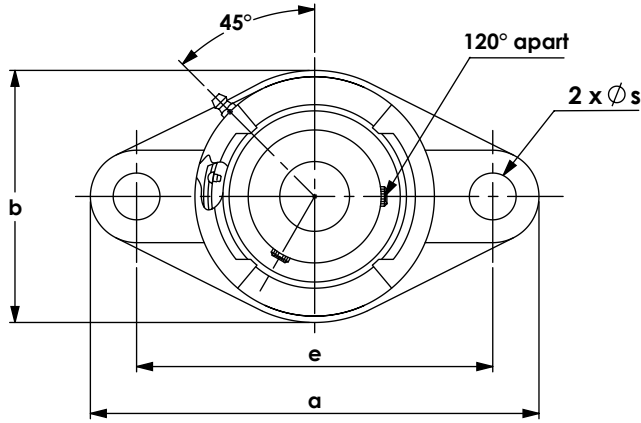
WJB Unit No.	Shaft Dia.		Dimensions										Bolt Size		Bearing No.	Housing No.	Weight kg
	d		a	e	i	g	l	s	b	z	Bi	n	in.	mm			
	in.	mm	mm in.	mm in.	mm in.	mm in.	mm in.	mm in.	mm in.	mm in.	mm in.	mm in.					
HCFTS 208-24	1 1/2		171.5	143.7	25.4	14.3	39	13.9	105	58.7	56.3	21.4	7/16	M12	HC 208-24	FTS208	2.10
208-25	1 9/16		6.752	5.657	1.000	0.563	1.535	0.547	4.134	2.313	2.217	0.843			208-25		
208		40													208		
HCFTS 209-26	1 5/8		179.4	148.4	25.4	14.3	44.5	15.9	111	58.7	56.3	21.4	1/2	M14	HC 209-26	FTS209	2.45
209-27	1 11/16		7.063	5.843	1.000	0.563	1.752	0.626	4.370	2.313	2.217	0.843			209-27		
209-28	1 3/4														209-28		
209		45													209		
HCFTS 210-30	1 7/8		189	157.2	30	14.3	46.8	15.9	116	66.7	62.7	24.6	1/2	M14	HC 210-30	FTS210	2.90
210-31	1 15/16		7.441	6.189	1.181	0.563	1.843	0.626	4.567	2.625	2.469	0.969			210-31		
210-32	2														210-32		
210		50													210		
HCFTS 211-32	2		216	184.2	33	20.6	50	17.1	133.5	75.4	71.4	27.8	9/16	M16	HC 211-32	FTS211	4.35
211-34	2 1/8		8.504	7.252	1.299	0.811	1.969	0.673	5.256	2.969	2.811	1.094			211-34		
211-35	2 3/16														211-35		
211		55													211		
HCFTS 212-32	2 1/4		235	201.6	34.1	20.6	53.2	17.1	138	81	77.8	31	9/16	M16	HC 212-32	FTS211	3.99
212-34	2 3/8		9.252	7.937	1.343	0.811	2.094	0.673	5.433	3.188	3.063	1.220			212-34		
212-35	2 7/16														212-35		
212		60													212		

Flange Units (Oval) — Eccentric Locking Collar



HCFJT200 Series, 2 Bolts

- ◆ Standard duty, high-grade cast iron
- ◆ Solid foot housing design
- ◆ Wide inner ring bearing
- ◆ Relubricatable unit with anti-rotation pin
- ◆ Standard seal : SR type seal or single lip seal
- ◆ Triple lip seal is available upon request
- ◆ Air handling unit is available with suffix "AH"
- ◆ Add prefix "S" for stainless steel version



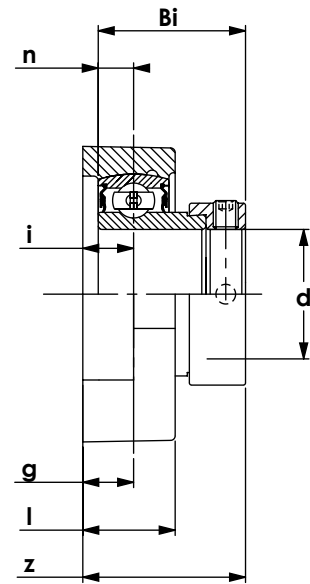
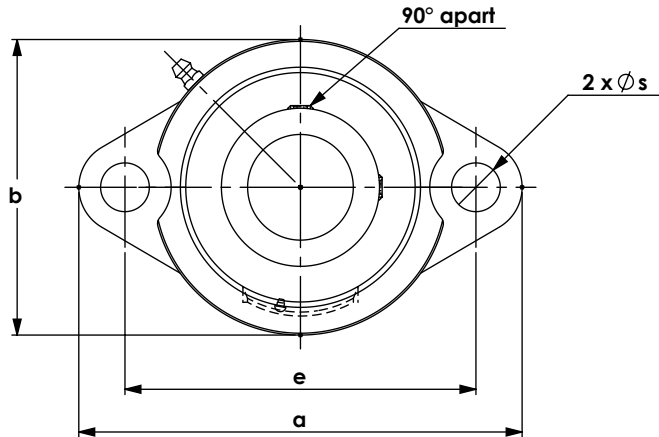
WJB Unit No.	Shaft Dia.		Dimensions										Bolt Size		Bearing No.	Housing No.	Weight kg
	d		a	e	i	g	l	s	b	z	Bi	n	in.	mm			
	in.	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm					
HCFJT 201 201-8	1/2	12	112	76.2	19	11	31.8	10.5	60	42.5	37.3	13.9	5/16	M8	HC 201 201-8	FJT204	0.33
HCFJT 202-10 202	5/8	15	112	76.2	19	11	31.8	10.5	60	42.5	37.3	13.9	5/16	M8	HC 202-10 202	FJT204	0.33
HCFJT 203-11 203	11/16	17	112	76.2	19	11	31.8	10.5	60	42.5	37.3	13.9	5/16	M8	HC 203-11 203	FJT204	0.33
HCFJT 204-12 204	3/4	20	112	89.7	19	11	31.8	10.5	60	45.7	43.7	17.1	5/16	M8	HC 204-12 204	FJT204	0.30
HCFJT 205-14 205-15 205-16 205	7/8 15/16 1 25		124	98.8	19	13	33.4	12.5	70	46	44.4	17.5	3/8	M10	HC 205-14 205-15 205-16 205	FJT205	0.46
HCFJT 206-18 206-19 206-20 206	1 1/8 1 3/16 1 1/4 30		141	116.7	20.6	13	35	12.5	83	50.3	48.4	18.3	3/8	M10	HC 206-18 206-19 206-20 206	FJT206	0.61
HCFJT 207-20 207-22 207-23 207	1 1/4 1 3/8 1 7/16 35		156	130.2	21.4	15	37.3	14	95	54	51.1	18.8	7/16	M12	HC 207-20 207-22 207-23 207	FJT207	0.82
HCFJT 208-24 208	1 1/2 40		171	143.7	23.8	15	42.9	14	105	58.8	56.3	21.4	7/16	M12	HC 208-24 208	FJT208	1.02
HCFJT 209-27 209	1 11/16 45		179	148.4	23.8	15	44.5	16	111	8.8	56.3	21.4	1/2	M14	HC 209-27 209	FJT209	1.20
HCFJT 210-30 210-31 210-32 210	1 7/8 1 15/16 2 50		189	157.2	28.6	15	47.7	16	116	66.7	62.7	24.6	1/2	M14	HC 210-30 210-31 210-32 210	FJT210	1.30
HCFJT 211-32 211-34 211-35 211	2 2 1/8 2 3/16 55		216	184.2	31.8	21	50.8	18	133	75.4	71.4	27.8	9/16	M16	HC 211-32 211-34 211-35 211	FJT211	1.94

Flange Units (Oval) — Eccentric Locking Collar



SALF200 Series, 2 Bolts, Light Duty

- ◆ Light duty, high-grade cast iron
- ◆ Solid foot housing design
- ◆ Wide inner ring bearing
- ◆ Relubrication type with suffix "G"
- ◆ Standard seal : SR type seal or single lip seal
- ◆ Triple lip seal is available upon request
- ◆ Air handling unit is available with suffix "AH"
- ◆ Add prefix "S" for stainless steel version



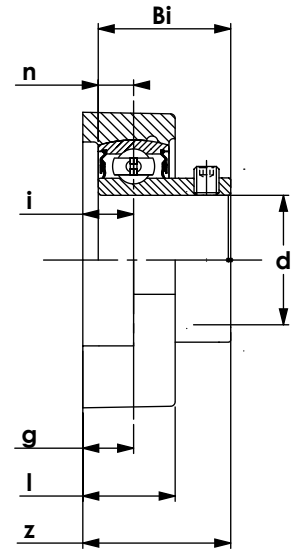
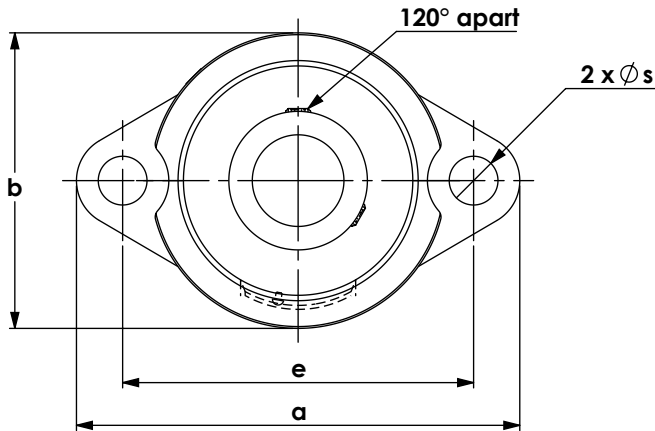
WJB Unit No.	Shaft Dia.		Dimensions										Bolt Size		Bearing No.	Housing No.	Weight kg
	d		a	e	i	g	l	s	b	z	Bi	n	in.	mm			
	in.	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm					
SALF 201 201-8	12 1/2	81 3.189	63.5 2.500	9.5 0.374	9.5 0.374	18 0.709	8 0.315	56 2.205	31.75 1.250	28.6 1.125	6 0.236	1/4	M6	SA 201 201-8	LF203	0.25	
SALF 202-9 202-10 202	9/16 5/8 15	81 3.189	63.5 2.500	9.5 0.374	9.5 0.374	18 0.709	8 0.315	56 2.205	31.75 1.250	28.6 1.125	6 0.236	1/4	M6	SA 202-9 202-10 202	LF203	0.25	
SALF 203-11 203	11/16 17	81 3.189	63.5 2.500	9.5 0.374	9.5 0.374	18 0.709	8 0.315	56 2.205	31.75 1.250	28.6 1.125	6 0.236	1/4	M6	SA 203-11 203	LF203	0.25	
SALF 204-12 204	3/4 20	90 3.543	71.5 2.815	11 0.433	11 0.433	20 0.787	10 0.394	61 2.402	34.9 1.375	31 1.220	7 0.276	5/16	M8	SA 204-12 204	LF204	0.25	
SALF 205-14 205-15 205-16 205	7/8 15/16 1 25	95 3.740	76 2.992	11 0.433	11 0.433	20 0.787	10 0.394	64 2.520	34.9 1.375	31 1.220	7.5 0.295	5/16	M8	SA 205-14 205-15 205-16 205	LF205	0.40	
SALF 206-18 206-19 206-20 206	1 1/8 1 3/16 1 1/4 30	113 4.449	90.5 3.563	12 0.472	12 0.472	22.5 0.886	12 0.472	76 2.992	38.9 1.531	35.7 1.406	8 0.315	3/8	M10	SA 206-18 206-19 206-20 206	LF206	0.56	
SALF 207-20 207-21 207-22 207-23 207	1 1/4 1 5/16 1 3/8 1 7/16 35	122 4.803	100 3.937	13 0.512	13 0.512	24 0.945	12 0.472	89 3.504	42.9 1.688	38.9 1.531	8.5 0.335	3/8	M10	SA 207-20 207-21 207-22 207-23 207	LF207	0.68	

Flange Units (Oval) — Set Screw Type



SBLF200 Series, 2 Bolts, Light Duty

- ◆ Light duty, high-grade cast iron
- ◆ Solid foot housing design
- ◆ Wide inner ring bearing
- ◆ Relubrication type with suffix "G"
- ◆ Standard seal : SR type seal or single lip seal
- ◆ Triple lip seal is available upon request
- ◆ Air handling unit is available with suffix "AH"
- ◆ Add prefix "S" for stainless steel version



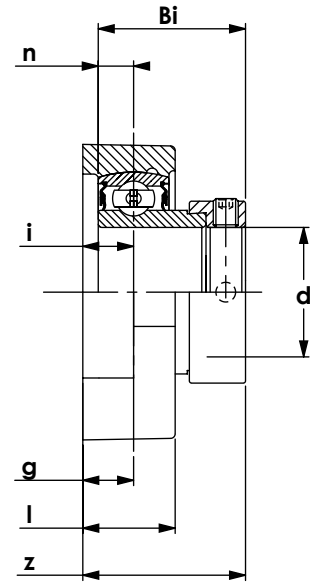
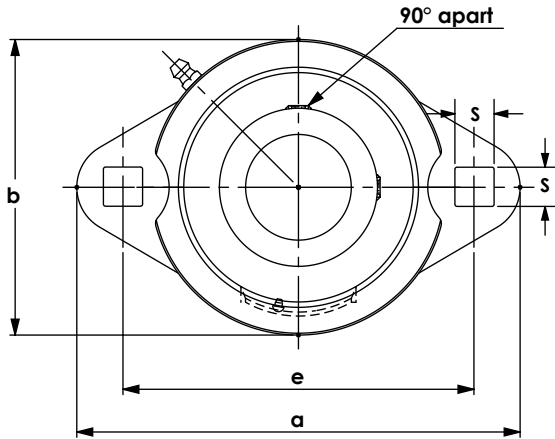
WJB Unit No.	Shaft Dia.		Dimensions										Bolt Size		Bearing No.	Housing No.	Weight kg
	d		a	e	i	g	l	s	b	z	Bi	n					
	in.	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	in.	mm			
SBLF 201 201-8	12 1/2		81 3.189	63.5 2.500	9.5 0.374	9.5 0.374	18 0.709	8 0.315	56 2.205	25.5 1.004	22 0.866	6 0.236	1/4	M6	SB 201 201-8	LF203	0.25
SBLF 202-9 202-10 202	9/16 5/8 15		81 3.189	63.5 2.500	9.5 0.374	9.5 0.374	18 0.709	8 0.315	56 2.205	25.5 1.004	22 0.866	6 0.236	1/4	M6	SB 202-9 202-10 202	LF204	0.25
SBLF 203-11 203	11/16 17		81 3.189	63.5 2.500	9.5 0.374	9.5 0.374	18 0.709	8 0.315	56 2.205	25.5 1.004	22 0.866	6 0.236	1/4	M6	SB 203-11 203	LF204	0.25
SBLF 204-12 204	3/4 20		90 3.543	71.5 2.815	11 0.433	11 0.433	20 0.787	10 0.394	61 2.402	30.5 1.201	27 1.063	7 0.276	5/16	M8	SB 204-12 204	LF204	0.25
SBLF 205-14 205-15 205-16 205	7/8 15/16 1 25		95 3.740	76 2.992	11 0.433	11 0.433	20 0.787	10 0.394	64 2.520	30.5 1.201	27 1.063	7.5 0.295	5/16	M8	SB 205-14 205-15 205-16 205	LF205	0.40
SBLF 206-18 206-19 206-20 206	1 1/8 1 3/16 1 1/4 30		113 4.449	90.5 3.563	12 0.472	12 0.472	22.5 0.886	12 0.472	76 2.992	34 1.339	30 1.181	8 0.315	3/8	M10	SB 206-18 206-19 206-20 206	LF206	0.56
SBLF 207-20 207-21 207-22 207-23 207	1 1/4 1 5/16 1 3/8 1 7/16 35		122 4.803	100 3.937	13 0.512	13 0.512	24 0.945	12 0.472	89 3.504	36.5 1.437	32 1.260	8.5 0.335	3/8	M10	SB 207-20 207-21 207-22 207-23 207	LF207	0.68

Flange Units (Oval) — Eccentric Locking Collar



SAFTD200 Series, 2 Bolts, Light Duty

- ◆ Light duty, high-grade cast iron
- ◆ Solid foot housing design
- ◆ Wide inner ring bearing
- ◆ Relubrication type with suffix “G”
- ◆ Standard seal : SR type seal or single lip seal
- ◆ Triple lip seal is available upon request
- ◆ Air handling unit is available with suffix “AH”
- ◆ Add prefix “S” for stainless steel version



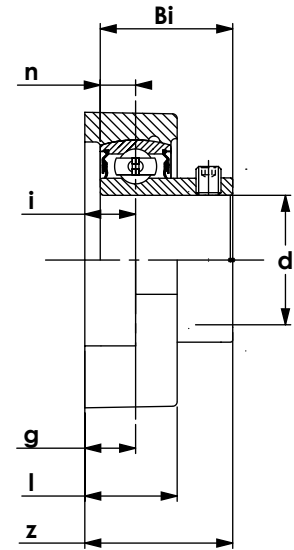
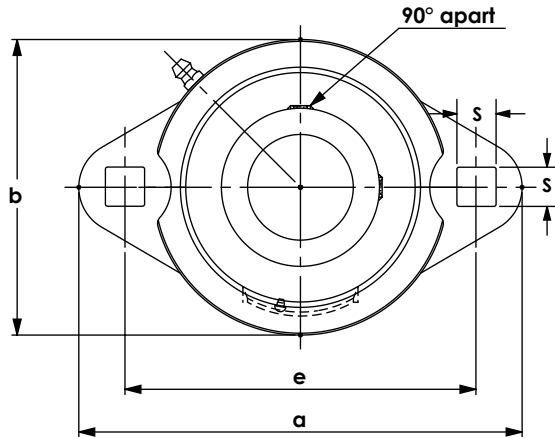
WJB Unit No.	Shaft Dia.		Dimensions										Bolt Size		Bearing No.	Housing No.	Weight kg
	d		a	e	i	g	l	s	b	z	Bi	n					
	in.	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	in.	mm			
SAFTD 201		12	81	63.5	9.5	9.5	18	7	56	31.75	28.6	6	1/4	M6	SA 201	FTD204	0.10
201-8	1/2		3.189	2.500	0.374	0.374	0.709	0.276	2.205	1.250	1.125	0.236			201-8		
SAFTD 202-9		9/16	81	63.5	9.5	9.5	18	7	56	31.75	28.6	6	1/4	M6	SA 202-9	FTD204	0.10
202-10	5/8		3.189	2.500	0.374	0.374	0.709	0.276	2.205	1.250	1.125	0.236			202-10		
202		15													202		
SAFTD 203-11		11/16	81	63.5	9.5	9.5	18	7	56	31.75	28.6	6	1/4	M6	SA 203-11	FTD204	0.10
203		17	3.189	2.500	0.374	0.374	0.709	0.276	2.205	1.250	1.125	0.236			203		
SAFTD 204-12		3/4	90	71.5	11	11	20	8.7	61	34.9	31	7	5/16	M8	SA 204-12	FTD204	0.20
204		20	3.543	2.815	0.433	0.433	0.787	0.343	2.402	1.375	1.220	0.276			204		
SAFTD 205-14		7/8													SA 205-14	FTD205	0.20
205-15	15/16		95	76	11	11	20	8.7	64	34.9	31	7.5	5/16	M8	205-15		
205-16	1		3.740	2.992	0.433	0.433	0.787	0.343	2.520	1.375	1.220	0.295			205-16		
205		25													205		
SAFTD 206-18	1 1/8														SA 206-18		
206-19	1 3/16		113	90.5	12	12	22.5	10.3	76	38.9	35.7	8	5/16	M8	206-19		
206-20	1 1/4		4.449	3.563	0.472	0.472	0.886	0.406	2.992	1.531	1.406	0.315			206-20		
206		30													206		
SAFTD 207-20	1 1/4														SA 207-20	FTD207	0.42
207-21	1 5/16		122	100	13	13	24	10.3	89	42.9	38.9	8.5	5/16	M8	207-21		
207-22	1 3/8		4.803	3.937	0.512	0.512	0.945	0.406	3.504	1.688	1.531	0.335			207-22		
207-23	1 7/16														207-23		
207		35													207		

Flange Units (Oval) — Set Screw Type



SBFTD200 Series, 2 Bolts, Light Duty

- ◆ Light duty, high-grade cast iron
- ◆ Solid foot housing design
- ◆ Wide inner ring bearing
- ◆ Relubrication type with suffix "G"
- ◆ Standard seal : SR type seal or single lip seal
- ◆ Triple lip seal is available upon request
- ◆ Air handling unit is available with suffix "AH"
- ◆ Add prefix "S" for stainless steel version



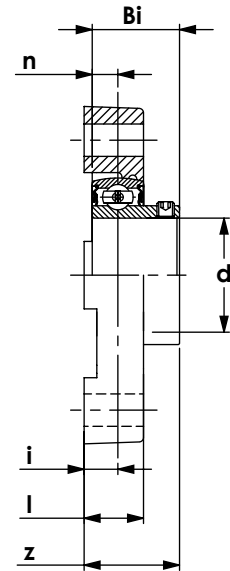
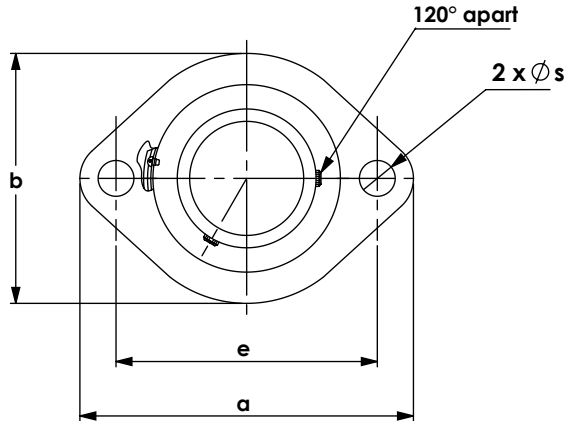
WJB Unit No.	Shaft Dia.		Dimensions										Bolt Size		Bearing No.	Housing No.	Weight
	d		a	e	i	g	l	s	b	z	Bi	n					
	in.	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	in.	mm			kg
SBFTD 201 201-8	12 1/2	81 3.189	63.5 2.500	9.5 0.374	9.5 0.374	18 0.709	7 0.276	56 2.205	25.5 1.004	22 0.866	6 0.236	1/4 M6	SB 201 201-8	FTD203	0.10		
SBFTD 202-9 202-10 202	9/16 5/8 15	81 3.189	63.5 2.500	9.5 0.374	9.5 0.374	18 0.709	7 0.276	56 2.205	25.5 1.004	22 0.866	6 0.236	1/4 M6	SB 202-9 202-10 202	FTD204	0.10		
SBFTD 203-11 203	11/16 17	81 3.189	63.5 2.500	9.5 0.374	9.5 0.374	18 0.709	7 0.276	56 2.205	25.5 1.004	22 0.866	6 0.236	1/4 M6	SB 203-11 203	FTD204	0.10		
SBFTD 204-12 204	3/4 20	90 3.543	71.5 2.815	11 0.433	11 0.433	20 0.787	8.7 0.343	61 2.402	30.5 1.201	27 1.063	7 0.276	5/16 M8	SB 204-12 204	FTD204	0.20		
SBFTD 205-14 205-15 205-16 205	7/8 15/16 1 25	95 3.740	76 2.992	11 0.433	11 0.433	20 0.787	8.7 0.343	64 2.520	30.5 1.201	27 1.063	7.5 0.295	5/16 M8	SB 205-14 205-15 205-16 205	FTD205	0.20		
SBFTD 206-18 206-19 206-20 206	1 1/8 1 3/16 1 1/4 30	113 4.449	90.5 3.563	12 0.472	12 0.472	22.5 0.886	10.3 0.406	76 2.992	34 1.339	30 1.181	8 0.315	5/16 M8	SB 206-18 206-19 206-20 206	FTD206	0.30		
SBFTD 207-20 207-21 207-22 207-23 207	1 1/4 1 5/16 1 3/8 1 7/16 35	122 4.803	100 3.937	13 0.512	13 0.512	24 0.945	10.3 0.406	89 3.504	36.5 1.437	32 1.260	8.5 0.335	5/16 M8	SB 207-20 207-21 207-22 207-23 207	FTD207	0.42		

Flange Units (Oval) — Set Screw Type



SBFD200 Series, 2 Bolts

- ◆ Standard duty, high-grade cast iron
- ◆ Solid foot housing available
- ◆ Wide inner ring bearing
- ◆ Relubrication type with suffix "G"
- ◆ Standard seal : SR type seal or single lip seal
- ◆ Triple lip seal is available upon request
- ◆ Air handling unit is available with suffix "AH"
- ◆ Add prefix "S" for stainless steel version



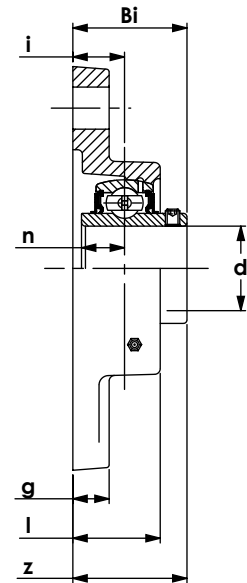
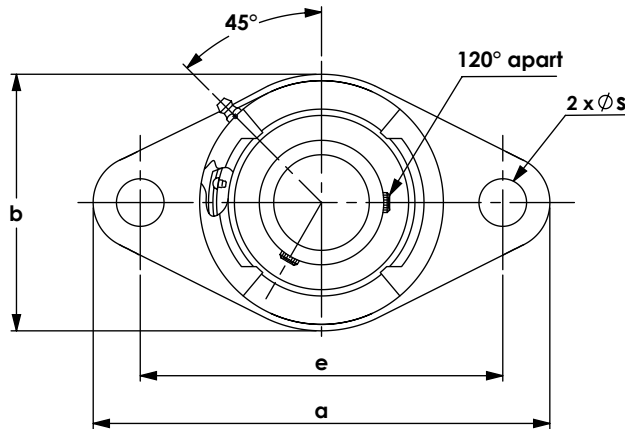
WJB Unit No.	Shaft Dia.		Dimensions									Bolt Size		Bearing No.	Housing No.	Weight
	d		a	e	i	l	s	b	z	Bi	n	in.	mm			kg
	in.	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm					
SBFD 204-12 204	3/4	20	90 3.543	71 2.795	9.5 0.374	17 0.669	10 0.394	67 2.638	27.5 1.083	25 0.984	7 0.276	5/16	M8	SB 204-12 204	FD204	0.25
SBFD 205-14 205-15 205-16 205	7/8 15/16 1	25	95 3.740	76 2.992	9.5 0.374	17 0.669	10 0.394	71 2.795	29 1.142	27 1.063	7.5 0.295	5/16	M8	SB 205-14 205-15 205-16 205	FD205	0.30
SBFD 206-18 206-19 206-20 206	1 1/8 1 3/16 1 1/4	30	113 4.449	90 3.543	12 0.472	21 0.827	12 0.472	84 3.307	34 1.339	30 1.181	8 0.315	3/8	M10	SB 206-18 206-19 206-20 206	FD206	0.40
SBFD 207-20 207-22 207-23 207	1 1/4 1 3/8 1 7/16	35	125 4.921	100 3.937	12 0.472	22 0.866	12 0.472	94 3.701	35.5 1.398	32 1.260	8.5 0.335	3/8	M10	SB 207-20 207-22 207-23 207	FD207	0.50

Flange Units (Oval) — Set Screw Type



SBFTN200 Series, 2 Bolts

- ◆ Standard duty, high-grade cast iron
- ◆ Solid foot housing design
- ◆ Wide inner ring bearing
- ◆ Relubrication type with suffix "G"
- ◆ Standard seal : SR type seal or single lip seal
- ◆ Triple lip seal is available upon request
- ◆ Air handling unit is available with suffix "AH"
- ◆ Add prefix "S" for stainless steel version



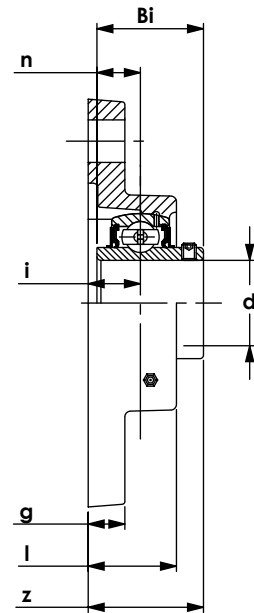
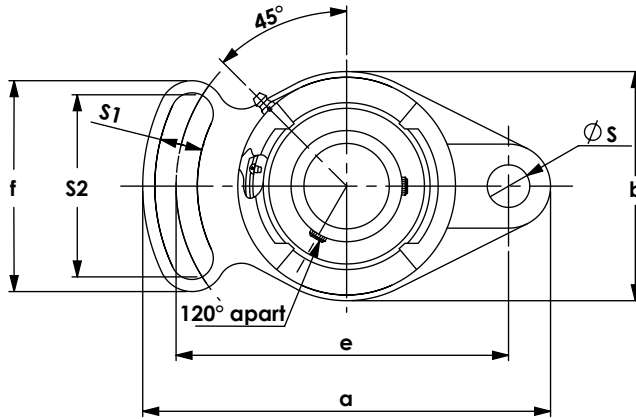
WJB Unit No.	Shaft Dia.		Dimensions										Bolt Size		Bearing No.	Housing No.	Weight
	d		a	e	i	g	l	s	b	z	Bi	n	in.	mm			
	in.	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	in.	mm			
SBFTN 201 201-8	1/2	12	98 3.858	76.2 3.000	11.4 0.449	10 0.394	18 0.709	11 0.433	54 2.126	27.4 1.250	22 1.125	6 0.236	3/8	M10	SB 201 201-8	FTN201	0.19
SBFTN 202-9 202	9/16	15	98 3.858	76.2 3.000	11.4 0.449	10 0.394	18 0.709	11 0.433	54 2.126	27.4 1.250	22 1.125	6 0.236	3/8	M10	SB 202-9 202	FTN202	0.19
SBFTN 203-11 203	11/16	17	98 3.858	76.2 3.000	11.4 0.449	10 0.394	18 0.709	11 0.433	54 2.126	27.4 1.250	22 1.125	6 0.236	3/8	M10	SB 203-11 203	FTN203	0.19
SBFTN 204-12 204	3/4	20	112 4.409	89.7 3.531	12.6 0.496	11 0.433	21 0.827	11 0.433	64 2.520	30.6 1.375	25 0.984	7 0.276	3/8	M10	SB 204-12 204	FTN204	0.30
SBFTN 205-14 205-15 205-16 205	7/8 15/16 1 25		124 4.882	99 3.898	12.3 0.484	11 0.433	21 0.827	13 0.512	70 2.756	31.8 1.375	27 1.063	7.5 0.295	7/16	M12	SB 205-14 205-15 205-16 205	FTN205	0.36
SBFTN 206-18 206-19 206-20 206	1 1/8 1 3/16 1 1/4 30		141 5.551	116.7 4.594	12.1 0.476	14 0.551	24 0.945	13 0.512	79 3.110	34.1 1.343	30 1.181	8 0.315	7/16	M12	SB 206-18 206-19 206-20 206	FTN206	0.47
SBFTN 207-20 207-22 207-23 207	1 1/4 1 3/8 1 7/16 35		155 6.102	130 5.118	14.6 0.575	15 0.591	27 1.063	14 0.551	92 3.622	38.1 1.500	32 1.260	8.5 0.335	1/2	M14	SB 207-20 207-22 207-23 207	FTN207	0.67
SBFTN 208-24 208-25 208	1 1/2 1 9/16 40		172 6.772	143.7 5.657	15.5 0.610	16 0.630	29 1.142	14 0.551	105 4.134	40.5 1.594	34 1.339	9 0.354	1/2	M14	SB 208-24 208-25 208	FTN208	0.90
SBFTN 209-26 209-27 209-28 209	1 5/8 1 11/16 1 3/4 45		179 7.047	148 5.827	13.8 0.543	16 0.630	29 1.142	16 0.630	111 4.370	44.8 1.764	41.2 1.622	10.2 0.402	1/2	M14	SB 207-20 207-22 207-23 207	FTN209	1.03

Adjustable Flange Units — Set Screw Type



UCFA200 Series

- ◆ Standard duty, high-grade cast iron
- ◆ Adjustable Two-Bolt Flange
- ◆ Wide inner ring bearing
- ◆ Relubricatable unit with anti-rotation pin
- ◆ Standard seal : SR type seal or single lip seal
- ◆ Triple lip seal is available upon request
- ◆ Air handling unit is available with suffix "AH"
- ◆ Add prefix "S" for stainless steel version



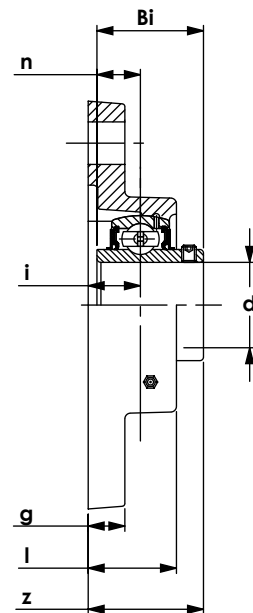
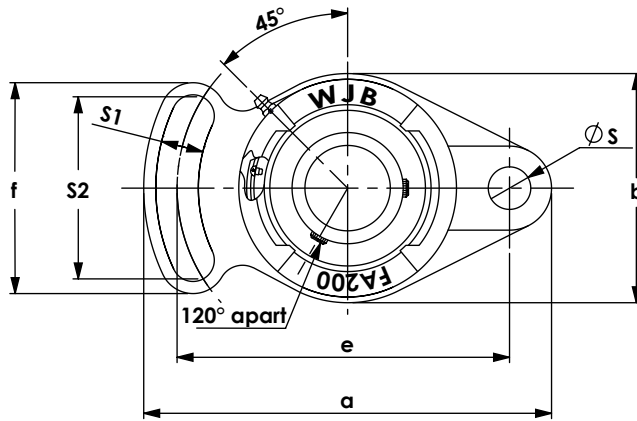
WJB Unit No.	Shaft Dia.		Dimensions													Bolt Size		Bearing No.	Housing No.	Weight
	d		a	e	i	g	l	S	S1	S2	b	f	z	Bi	n	in.	mm			
	in.	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	in.	mm			kg
UCFA 201 201-8	12 1/2	98 3.858	78 3.071	15 0.591	12 0.472	25.5 1.004	10 0.394	10 0.394	40 1.575	60 2.362	50 1.969	33.3 1.311	31 1.220	12.7 0.500	5/16	M8	UC 201 201-8	FA203	0.30	
UCFA 202 202-9 202-10	15 9/16 5/8	98 3.858	78 3.071	15 0.591	12 0.472	25.5 1.004	10 0.394	10 0.394	40 1.575	60 2.362	50 1.969	33.3 1.311	31 1.220	12.7 0.500	5/16	M8	UC 202 202-9 202-10	FA203	0.30	
UCFA 203-11 203	11/16 17	98 3.858	78 3.071	15 0.591	12 0.472	25.5 1.004	10 0.394	10 0.394	40 1.575	60 2.362	50 1.969	33.3 1.311	31 1.220	12.7 0.500	5/16	M8	UC 203-11 203	FA203	0.30	
UCFA 204-12 204	3/4 20	98 3.858	78 3.071	15 0.591	12 0.472	25.5 1.004	10 0.394	10 0.394	40 1.575	60 2.362	50 1.969	33.3 1.311	31 1.220	12.7 0.500	5/16	M8	UC 204-12 204	FA204	0.30	
UCFA 205-14 205-15 205-16 205	7/8 15/16 1 25	125 4.921	98 3.858	16 0.630	14 0.551	27 1.063	12 0.472	13 0.512	51 2.008	68 2.677	65 2.559	35.7 1.406	34 1.339	14.3 0.563	3/8	M10	UC 205-14 205-15 205-16 205	FA205	0.50	
UCFA 206-18 206-19 206-20 206	1 1/8 1 3/16 1 1/4 30	144 5.669	117 4.606	18 0.709	14 0.551	31 1.220	12 0.472	13 0.512	58 2.283	80 3.150	72 2.835	40.2 1.583	38.1 1.500	15.9 0.626	3/8	M10	UC 206-18 206-19 206-20 206	FA206	0.65	
UCFA 207-20 207-21 207-22 207-23 207	1 1/4 1 5/16 1 3/8 1 7/16 35	161 6.339	130 5.118	19 0.748	16 0.630	34 1.339	14 0.551	15 0.591	66 2.598	90 3.543	82 3.228	44.4 1.748	42.9 1.689	17.5 0.689	7/16	M12	UC 207-20 207-21 207-22 207-23 207	FA207	0.90	

Adjustable Flange Units — Set Screw Type



UCFA200 Series

- ◆ Standard duty, high-grade cast iron
- ◆ Adjustable Two-Bolt Flange
- ◆ Wide inner ring bearing
- ◆ Relubricatable unit with anti-rotation pin
- ◆ Standard seal : SR type seal or single lip seal
- ◆ Triple lip seal is available upon request
- ◆ Air handling unit is available with suffix "AH"
- ◆ Add prefix "S" for stainless steel version



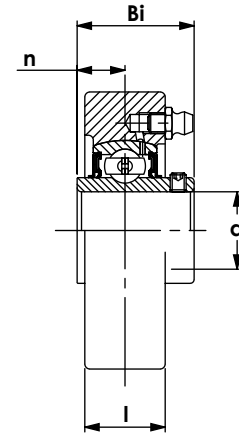
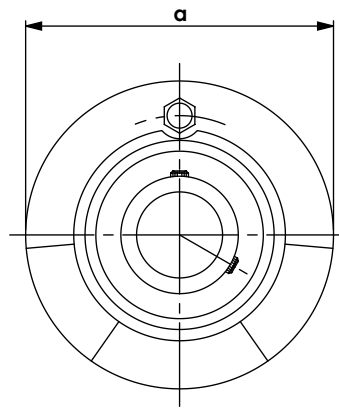
WJB Unit No.	Shaft Dia.		Dimensions													Bolt Size		Bearing No.	Housing No.	Weight kg
	d		a	e	i	g	l	S	S1	S2	b	f	z	Bi	n	in.	mm			
	in.	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	in.	mm			
UCFA 208-24 208-25 208	1 1/2 1 9/16	40	175 6.890	144 5.669	21 0.827	16 0.630	36 1.417	14 0.551	15 0.591	71 2.795	100 3.937	87 3.425	51.2 2.016	49.2 1.937	19 0.748	7/16	M12	UC 208-24 208-25 208	FA208	1.00
UCFA 209-26 209-27 209-28 209	1 5/8 1 11/16 1 3/4	45	181 7.126	148 5.827	22 0.866	18 0.709	38 1.496	16 0.630	17 0.669	72 2.835	108 4.252	90 3.543	52.2 2.055	49.2 1.937	19 0.748	1/2	M14	UC 209-26 209-27 209-28 209	FA209	1.20
UCFA 210-30 210-31 210-32 210	1 7/8 1 15/16 2	50	190 7.480	157 6.181	22 0.866	18 0.709	40 1.575	16 0.630	17 0.669	76 2.992	115 4.528	94 3.701	54.6 2.150	51.6 2.031	19 0.748	1/2	M14	UC 210-30 210-31 210-32 210	FA210	1.40
UCFA 211-32 211-34 211-35 211	2 2 1/8 2 3/16	55	219 8.622	184 7.244	25 0.984	20 0.787	43 1.693	16 0.630	17 0.669	86 3.386	130 5.118	104 4.094	58.4 2.299	55.6 2.189	22.2 0.874	1/2	M14	UC 211-32 211-34 211-35 211	FA211	2.30
UCFA 212-36 212-38 212-39 212	2 1/4 2 3/8 2 7/16	60	240 9.449	202 7.953	29 1.142	18 0.709	48 1.890	18 0.709	19 0.748	100 3.937	140 5.512	120 4.724	68.7 2.705	65.1 2.563	25.4 1.000	5/8	M16	UC 212-36 212-38 212-39 212	FA212	2.75
UCFA 213-40 213	2 1/2	65	248 9.764	210 8.268	30 1.181	20 0.787	49 1.929	18 0.709	19 0.748	106 4.173	152 5.984	126 4.961	69.7 2.744	65.1 2.563	25.4 1.000	5/8	M16	UC 213-40 213	FA213	3.35

Flange Cartridge Units — Set Screw Type



UCC200 Series

- ◆ Standard duty, high-grade cast iron.
- ◆ Wide inner ring bearing
- ◆ Relubricatable unit with anti-rotation pin
- ◆ Standard seal : SR type seal or single lip seal
- ◆ Triple lip seal is available upon request
- ◆ Air handling unit is available with suffix "AH"
- ◆ Add prefix "S" for stainless steel version



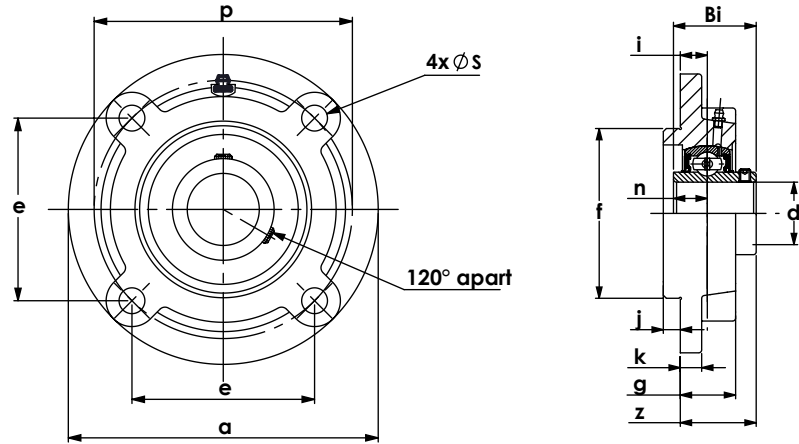
WJB Unit No.	Shaft Dia.		Dimensions				Bearing No.	Housing No.	Weight
	d		a	l	Bi	n			
	in.	mm	mm in.	mm in.	mm in.	mm in.			
UCC 204-12 204	3/4	20	72 2.835	20 0.787	31 1.220	12.7 0.500	UC 204-12 204	C204	0.33
UCC 205-14 205-15 205-16 205	7/8 15/16 1	25	80 3.150	22 0.866	34 1.339	14.3 0.563	UC 205-14 205-15 205-16 205	C205	0.50
UCC 206-18 206-19 206-20 206	1 1/8 1 3/16 1 1/4	30	85 3.346	27 1.063	38.1 1.500	15.9 0.626	UC 206-18 206-19 206-20 206	C206	0.57
UCC 207-20 207-21 207-22 207-23 207	1 1/4 1 5/16 1 3/8 1 7/16	35	90 3.543	28 1.102	42.9 1.689	17.5 0.689	UC 207-20 207-21 207-22 207-23 207	C207	0.51
UCC 208-24 208-25 208	1 1/2 1 9/16	40	100 3.937	30 1.181	49.2 1.937	19 0.748	UC 208-24 208-25 208	C208	0.65
UCC 209-26 209-27 209-28 209	1 5/8 1 11/16 1 3/4	45	110 4.331	31 1.220	49.2 1.937	19 0.748	UC 209-26 209-27 209-28 209	C209	0.90
UCC 210-30 210-31 210-32 210	1 7/8 1 15/16 2	50	120 4.724	33 1.299	51.6 2.031	19 0.748	UC 210-30 210-31 210-32 210	C210	1.20
UCC 211-32 211-34 211-35 211	2 2 1/8 2 3/16	55	125 4.921	35 1.378	55.6 2.189	22.2 0.874	UC 211-32 211-34 211-35 211	C211	1.25
UCC 212-36 212-38 212-39 212	2 1/4 2 3/8 2 7/16	60	130 5.118	38 1.496	65.1 2.563	25.4 1.000	UC 212-36 212-38 212-39 212	C212	1.47
UCC 213-40 213	2 1/2	65	140 5.512	40 1.575	65.1 2.563	25.4 1.000	UC 213-40 213	C213	1.75

Flange Cartridge Units — Set Screw Type



UCFC200 Series, 4 Bolts

- ◆ Standard duty, high-grade cast iron
- ◆ Solid foot housing design
- ◆ Wide inner ring bearing
- ◆ Relubricatable unit with anti-rotation pin
- ◆ Standard seal : SR type seal or single lip seal
- ◆ Triple lip seal is available upon request
- ◆ Air handling unit is available with suffix "AH"
- ◆ Add prefix "S" for stainless steel version



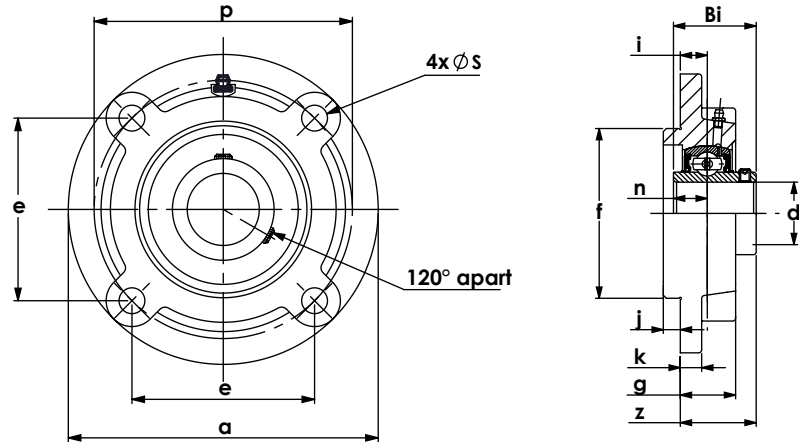
WJB Unit No.	Shaft Dia.		Dimensions											Bolt Size		Bearing No.	Housing No.	Weight	
	d		a	p	e	i	s	j	k	g	f	z	Bi	n	in.				mm
	in.	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm					
UCFC 201 201-8	1/2	12	100	78	55.1	10	12	5	7	20.5	62	28.3	31	12.7	3/8	M10	UC 201 201-8	FC204	0.55
UCFC 202-9 202-10 202	9/16 5/8 15		100	78	55.1	10	12	5	7	20.5	62	28.3	31	12.7	3/8	M10	UC 202-9 202-10 202	FC204	0.55
UCFC 203-11 203	11/16 17		100	78	55.1	10	12	5	7	20.5	62	28.3	31	12.7	3/8	M10	UC 203-11 203	FC204	0.55
UCFC 204-12 204	3/4 20		100	78	55.1	10	12	5	7	20.5	62	28.3	31	12.7	3/8	M10	UC 204-12 204	FC204	0.55
UCFC 205-14 205-15 205-16 205	7/8 15/16 1 25		115	90	63.6	10	12	6	7	21	70	29.7	34.1	14.3	3/8	M10	UC 205-14 205-15 205-16 205	FC205	0.80
UCFC 206-17 206-18 206-19 206-20 206	1 1/16 1 1/8 1 3/16 1 1/4 30		125	100	70.7	10	12	8	8	23	80	32.2	38.1	15.9	3/8	M10	UC 206-17 206-18 206-19 206-20 206	FC206	1.00
UCFC 207-20 207-21 207-22 207-23 207	1 1/4 1 5/16 1 3/8 1 7/16 35		135	110	77.8	11	14	8	9	26	90	36.4	42.9	17.5	7/16	M12	UC 207-20 207-21 207-22 207-23 207	FC207	1.20
UCFC 208-24 208-25 208	1 1/2 1 9/16 40		145	120	84.8	11	14	10	9	26	100	41.2	49.2	19	7/16	M12	UC 208-24 208-25 208	FC208	1.45
UCFC 209-26 209-27 209-28 209	1 5/8 1 11/16 1 3/4 45		160	132	93.3	10	16	12	14	26	105	40.2	49.2	19.0	1/2	M14	UC 209-26 209-27 209-28 209	FC209	2.10

Flange Cartridge Units — Set Screw Type



UCFC200 Series, 4 Bolts

- ◆ Standard duty, high-grade cast iron
- ◆ Solid foot housing design
- ◆ Wide inner ring bearing
- ◆ Relubricatable unit with anti-rotation pin
- ◆ Standard seal : SR type seal or single lip seal
- ◆ Triple lip seal is available upon request
- ◆ Air handling unit is available with suffix "AH"
- ◆ Add prefix "S" for stainless steel version



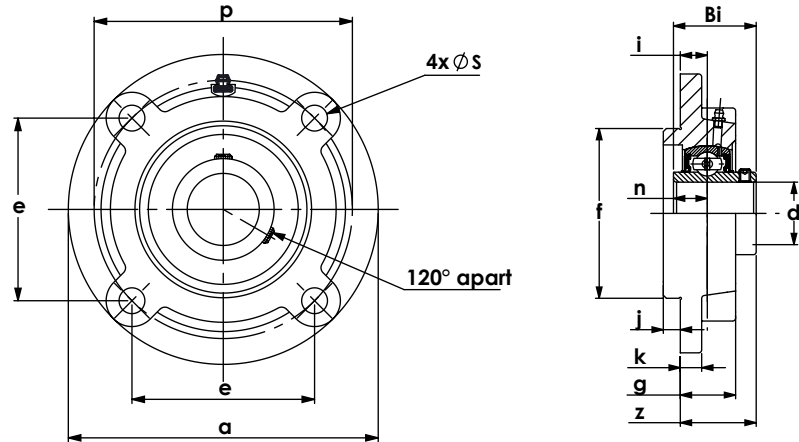
WJB Unit No.	Shaft Dia.		Dimensions												Bolt Size		Bearing No.	Housing No.	Weight
	d		a	p	e	i	s	j	k	g	f	z	Bi	n	in.	mm			
	in.	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm					
UCFC 210-30	1 7/8														7/16	M12	UC 210-30	FC210	2.10
210-31	1 15/16		165	138	97.6	10	16	12	14	28	110	42.6	51.6	19.0					
210-32	2		6.496	5.433	3.843	0.394	0.630	0.472	0.551	1.102	4.331	1.677	2.031	0.748					
210		50																	
UCFC 211-32	2													5/8	M16	UC 211-32	FC211	3.10	
211-34	2 1/8		185	150	106.1	13	19	12	15	31	125	46.4	55.6			22.2			
211-35	2 3/16		7.283	5.906	4.177	0.512	0.748	0.472	0.591	1.220	4.921	1.827	2.189			0.874			
211		55																	
UCFC 212-36	2 1/4													5/8	M16	UC 212-36	FC212	3.20	
212-38	2 3/8		195	160	113.1	17	19	12	15	36	135	56.7	65.1			25.4			
212-39	2 7/16		7.677	6.299	4.453	0.669	0.748	0.472	0.591	1.417	5.315	2.232	2.563			1.000			
212		60																	
UCFC 213-40	2 1/2													5/8	M16	UC 213-40	FC213	3.75	
213-41	2 9/16		205	170	120.2	16	19	14	15	36	145	55.7	65.1			25.4			
213		65	8.071	6.693	4.732	0.630	0.748	0.551	0.591	1.417	5.709	2.193	2.563			1.000			
UCFC 214-42	2 5/8													5/8	M16	UC 214-42	FC214	4.75	
214-43	2 11/16		215	177	125.1	17	19	14	18	40	150	61.4	74.6			30.2			
214-44	2 3/4		8.465	6.969	4.925	0.669	0.748	0.551	0.709	1.575	5.906	2.417	2.937			1.189			
214		70																	
UCFC 215-46	2 7/8													5/8	M16	UC 215-46	FC215	5.00	
215-47	2 15/16		220	184	130.1	18	19	16	18	40	160	62.5	77.8			33.3			
215-48	3		8.661	7.244	5.122	0.709	0.748	0.630	0.709	1.575	6.299	2.461	3.063			1.311			
215		75																	
UCFC 216-50	3 1/8													3/4	M20	UC 216-50	FC216	6.10	
216		80	9.449	7.874	5.567	0.709	0.906	0.630	0.709	1.654	6.693	2.650	3.252			1.311			
UCFC 217-52	3 1/4													3/4	M20	UC 217-52	FC217	7.10	
217		85	9.843	8.189	5.791	0.709	0.906	0.709	0.787	1.772	7.087	2.740	3.374			1.343			
UCFC 218-56	3 1/2													3/4	M20	UC 218-56	FC218	8.00	
218		90	10.43	8.661	6.122	0.866	0.906	0.709	0.787	1.969	7.480	3.083	3.780			1.563			

Flange Cartridge Units — Set Screw Type

UCFCX00 Series, 4 Bolts



- ◆ Medium duty, high-grade cast iron.
- ◆ Solid foot housing design
- ◆ Wide inner ring bearing
- ◆ Relubricatable unit with anti-rotation pin
- ◆ Standard seal : SR type seal or single lip seal
- ◆ Triple lip seal is available upon request
- ◆ Air handling unit is available with suffix "AH"
- ◆ Add prefix "S" for stainless steel version



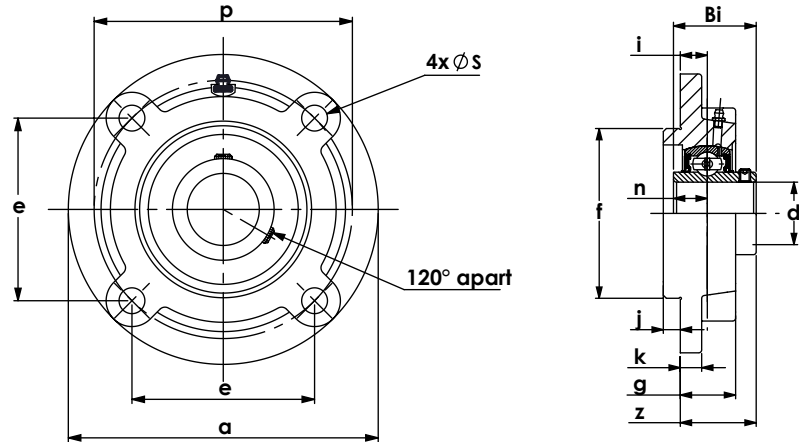
WJB Unit No.	Shaft Dia.		Dimensions												Bolt Size		Bearing No.	Housing No.	Weight
	d		a	p	e	i	s	j	k	g	f	z	B _i	n	in.	mm			kg
	in.	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm					
UCFCX 05-16 05	1 25		111 4.370	92 3.622	65 2.559	10 0.394	9.5 0.374	6 0.472	9.5 0.374	24 0.945	76 2.992	32.2 1.268	38.1 1.500	15.9 0.626	5/16	M8	UCX 05-16 05	FCX05	1.10
UCFCX 06-19 06-20 06	1 3/16 1 1/4 30		127 5.000	105 4.134	74.2 2.921	8 0.315	12 0.472	9.5 0.374	9.5 0.374	22.5 0.886	85 3.346	33.4 1.315	42.9 1.689	17.5 0.689	3/8	M10	UCX 06-19 06-20 06	FCX06	1.40
UCFCX 07-22 07-23 07	1 3/8 1 7/16 35		133 5.236	111 4.370	78.5 3.091	9 0.354	12 0.472	11 0.433	11 0.433	26 1.024	92 3.622	39.2 1.543	49.2 1.937	19 0.748	3/8	M10	UCX 07-22 07-23 07	FCX07	1.80
UCFCX 08-24 08	1 1/2 40		133 5.236	111 4.370	78.5 3.091	9 0.354	12 0.472	11 0.433	11 0.433	26 1.024	92 3.622	39.2 1.543	49.2 1.937	19 0.748	3/8	M10	UCX 08-24 08	FCX08	1.80
UCFCX 09-26 09-27 09-28 09	1 5/8 1 11/16 1 3/4 45		155 6.102	130 5.118	91.9 3.618	8 0.315	14 0.551	12 0.472	11 0.433	25 0.984	108 4.252	40.6 1.598	51.6 2.031	19 0.748	7/16	M12	UCX 09-26 09-27 09-28 09	FCX09	2.50
UCFCX 10-31 10-32 10	1 15/16 2 50		162 6.378	136 5.354	96 3.787	7 0.276	14 0.551	16 0.630	11 0.433	25 0.984	118 4.646	40 1.591	56 2.189	22 0.874	3/8	M10	UCX 10-31 10-32 10	FCX10	3.00
UCFCX 11-35 11-36 11	2 3/16 2 1/4 55		180 7.087	152 5.984	108 4.252	4 0.157	16 0.630	22 0.866	13 0.512	26 1.024	127 5.000	43.7 1.720	65.1 2.563	25.4 1.000	1/2	M14	UCX 11-35 11-36 11	FCX11	4.10

Flange Cartridge Units — Set Screw Type



UCFCX00 Series, 4 Bolts

- ◆ Medium duty, high-grade cast iron.
- ◆ Solid foot housing design
- ◆ Wide inner ring bearing
- ◆ Relubricatable unit with anti-rotation pin
- ◆ Standard seal : SR type seal or single lip seal
- ◆ Triple lip seal is available upon request
- ◆ Air handling unit is available with suffix "AH"
- ◆ Add prefix "S" for stainless steel version



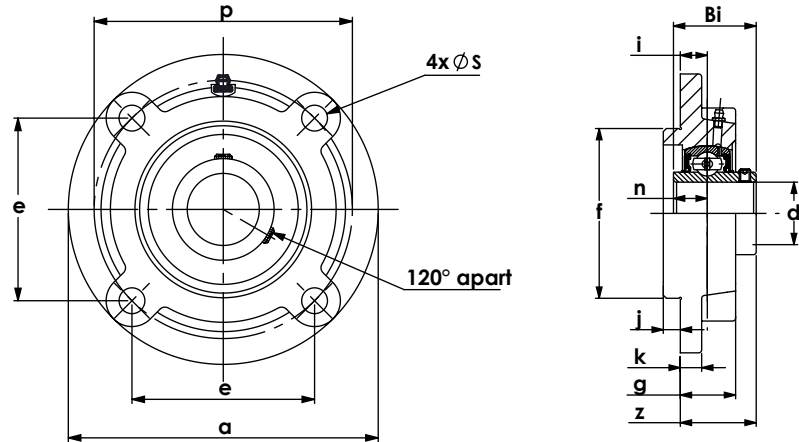
WJB Unit No.	Shaft Dia.		Dimensions											Bolt Size		Bearing No.	Housing No.	Weight		
	d		a	p	e	i	s	j	k	g	f	z	Bi	n	in.			mm	kg	
	in.	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm						
UCFCX 12-38	2 3/8																	UCX 12-38		
12-39	2 7/16		194	165	117	11	16	20	14	33	140	50.7	75.1	25.4	1/2	M14	12-39	FCX12	4.70	
12		60	7.638	6.496	4.606	0.433	0.630	0.787	0.551	1.299	5.512	1.996	2.957	1.000			12			
UCFCX 13-40	2 1/2		194	165	117	11	16	20	14	33	140	55.4	74.6	30.2	1/2	M14	UCX 13-40	FCX13	5.00	
13		65	7.638	6.496	4.606	0.433	0.630	0.787	0.551	1.299	5.512	1.996	2.957	1.000			13			
UCFCX 14-44	2 3/4		222	190	134	14	19	20	14	36	164	58.5	77.8	33.3	5/8	M16	UCX 14-44	FCX14	7.40	
14		70	8.740	7.480	5.276	0.551	0.748	0.787	0.551	1.417	6.457	2.303	3.063	1.311			14			
UCFCX 15-47	2 15/16		222	190	134	12	19	22	16	35	164	61.3	82.6	33.3	5/8	M16	UCX 15-47	FCX15	7.50	
15-48	3		8.740	7.480	5.276	0.472	0.748	0.866	0.630	1.378	6.457	2.413	3.252	1.311			15-48			
15		75															15			
UCFCX 16-50	3 1/4		260	219	155	10	23	25	19	36	186	61.6	85.7	34.1	3/4	M20	UCX 16-50	FCX16	11.70	
16		80	10.236	8.622	6.102	0.394	0.906	0.984	0.748	1.417	7.323	2.425	3.374	1.343			16			
UCFCX 17-55	3 7/16		260	219	155	10	23	25	19	36	186	66.3	96	39.7	3/4	M20	UCX 17-55	FCX17	11.30	
17		85	10.236	8.622	6.102	0.394	0.906	0.984	0.748	1.417	7.323	2.610	3.780	1.563			17			
UCFCX 18		90	260	219	155	12	23	28	19	43	186	73.1	104	42.9	3/4	M20	UCX 18	FCX18	11.40	
			10.236	8.622	6.102	0.472	0.906	1.102	0.748	1.693	7.323	2.878	4.094	1.689						
UCFCX 20		100	276	238	168	22	23	28	22	66	206	90.3	118	49.2	3/4	M20	UCX 20	FCX20	16.10	
			10.866	9.370	6.614	0.866	0.906	1.102	0.866	2.598	8.110	3.555	4.646	1.937						

Flange Cartridge Units — Set Screw Type

UCFCSX00 Series, 4 Bolts



- ◆ Medium duty, high-grade cast iron.
- ◆ Solid foot housing design
- ◆ Wide inner ring bearing
- ◆ Relubricatable unit with anti-rotation pin
- ◆ Standard seal : SR type seal or single lip seal
- ◆ Triple lip seal is available upon request
- ◆ Air handling unit is available with suffix "AH"
- ◆ Add prefix "S" for stainless steel version



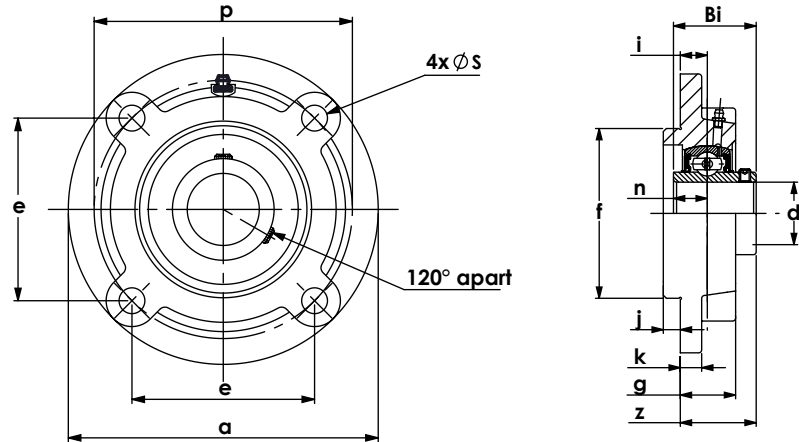
WJB Unit No.	Shaft Dia.		Dimensions												Bolt Size		Bearing No.	Housing No.	Weight kg
	d		a	p	e	i	s	j	k	g	f	z	Bi	n	in.	mm			
	in.	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm					
UCFCSX 05-16 05	1	25	111	92	65	10	9.5	6.4	9.5	24	76.2	32.2	38.1	15.9	5/16	M8	UCX 05-16 05	FCSX05	1.02
UCFCSX 06-19 06-20 06	1 3/16 1 1/4	30	127	105	74.2	8	12	9.5	9.5	22	85.7	33.4	42.9	17.5	3/8	M10	UCX 06-19 06-20 06	FCSX06	1.46
UCFCSX 07-22 07-23 07	1 3/8 1 7/16	35	133	111	78.5	9	12	11	11	26	92	39.2	49.2	19	3/8	M10	UCX 07-22 07-23 07	FCSX07	1.94
UCFCSX 08-24 08	1 1/2	40	133	111	78.5	9	12	11.1	11	26	92	39.2	49.2	19	3/8	M10	UCX 08-24 08	FCSX08	2.40
UCFCSX 09-26 09-27 09-28 09	1 5/8 1 11/16	45	156	130	92	8	14	11.9	11	25	108	40.6	51.6	19	7/16	M12	UCX 09-26 09-27 09-28 09	FCSX09	2.80
UCFCSX 10-31 10-32 10	1 15/16 2	50	162	137	96.2	7	14	15.9	11	25	114	40.4	55.6	22.2	3/8	M10	UCX 10-31 10-32 10	FCSX10	3.06
UCFCSX 11-35 11-36 11	2 3/16 2 1/4	55	181	152	108	4	16	22.2	12.7	26	127	43.7	65.1	25.4	1/2	M14	UCX 11-35 11-36 11	FCSX11	4.30

Flange Cartridge Units — Set Screw Type

UCFCSX00 Series, 4 Bolts



- ◆ Medium duty, high-grade cast iron.
- ◆ Solid foot housing design
- ◆ Wide inner ring bearing
- ◆ Relubricatable unit with anti-rotation pin
- ◆ Standard seal : SR type seal or single lip seal
- ◆ Triple lip seal is available upon request
- ◆ Air handling unit is available with suffix "AH"
- ◆ Add prefix "S" for stainless steel version



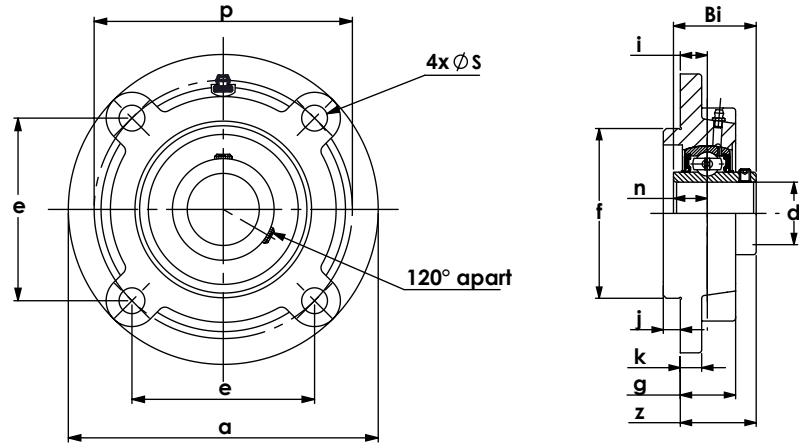
WJB Unit No.	Shaft Dia.		Dimensions												Bolt Size		Bearing No.	Housing No.	Weight kg
	d		a	p	e	i	s	j	k	g	f	z	Bi	n	in.	mm			
	in.	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm					
UCFCSX 12-38 12-39 12	2 3/8 2 7/16	60	194 7.638	165 6.496	117 4.606	11 0.433	16 0.630	19.8 0.780	14.3 0.563	33 1.299	140 5.512	50.7 1.996	65.1 2.563	25.4 1.000	1/2	M14	UCX 12-38 12-39 12	FCSX12	5.60
UCFCSX 13-40 13	2 1/2	65	194 7.638	165 6.496	117 4.606	11 0.433	16 0.630	19.8 0.780	14.3 0.563	33 1.299	140 5.512	55.4 2.181	74.6 2.937	30.2 1.189	1/2	M14	UCX 13-40 13	FCSX13	5.80
UCFCSX 14-44 14	2 3/4	70	222 8.740	191 7.520	134 5.276	14 0.551	19 0.748	19.8 0.780	14.3 0.563	36 1.417	162 6.378	58.5 2.303	77.8 3.063	33.3 1.311	5/8	M16	UCX 14-44 14	FCSX14	7.70
UCFCSX 15-47 15-48 15	2 15/16 3	75	222 8.740	191 7.520	134 5.276	12 0.472	19 0.748	22 0.866	15.9 0.626	35 1.378	162 6.378	61.3 2.413	82.6 3.252	33.3 1.311	5/8	M16	UCX 15-47 15-48 15	FCSX15	8.30
UCFCSX 16-50 16	3 1/4	80	260 10.236	219 8.622	155 6.102	10 0.394	23 0.906	25.4 1.000	19 0.748	36 1.417	187 7.362	61.6 2.425	85.7 3.374	34.1 1.343	3/4	M20	UCX 16-50 16	FCSX16	10.60
UCFCSX 17-55 17	3 7/16	85	260 10.236	219 8.622	155 6.102	10 0.394	23 0.906	25.4 1.000	19 0.748	36 1.417	187 7.362	66.3 2.610	96 3.780	39.7 1.563	3/4	M20	UCX 17-55 17	FCSX17	11.20
UCFCSX 18		90	260 10.236	219 8.622	155 6.102	12 0.472	23 0.906	27.8 1.094	19 0.748	43 1.693	187 7.362	73.1 2.878	104 4.094	42.9 1.689	3/4	M20	UCX 18	FCSX18	11.90
UCFCSX 20		100	276 10.866	238 9.370	168 6.614	22 0.866	23 0.906	27.8 1.094	22.2 0.874	66 2.598	206 8.110	90.3 3.555	118 4.646	49.2 1.937	3/4	M20	UCX 20	FCSX20	18.40

Flange Cartridge Units — Set Screw Type



UCFCS200 Series, 4 Bolts

- ◆ Standard duty, high-grade cast iron
- ◆ Solid foot housing design
- ◆ Wide inner ring bearing
- ◆ Relubricatable unit with anti-rotation pin
- ◆ Standard seal : SR type seal or single lip seal
- ◆ Triple lip seal is available upon request
- ◆ Air handling unit is available with suffix "AH"
- ◆ Add prefix "S" for stainless steel version



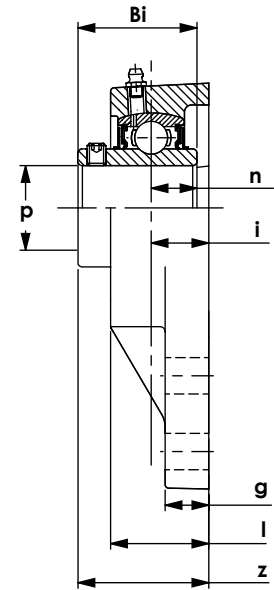
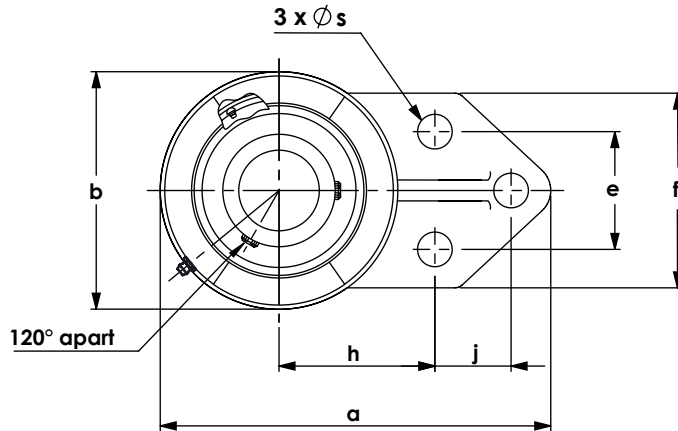
WJB Unit No.	Shaft Dia.		Dimensions												Bolt Size		Bearing No.	Housing No.	Weight	
	d		a	p	e	i	s	j	k	g	f	z	Bi	n	in.	mm				kg
	in.	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm						
UCFCS 206-17	1 1/16																	UC 206-17		0.74
206-18	1 1/8		111	92	65	10	9.5	6.4	9.5	24	76.2	31.7	38.1	15.9	5/16	M8	206-18	FCS206		
206-19	1 3/16		4.370	3.622	2.559	0.394	0.374	0.252	0.374	0.945	3.000	1.248	1.500	0.626			206-19			
206-20	1 1/4																206-20			
206		30															206			
UCFCS 207-20	1 1/4																	UC 207-20		0.83
207-21	1 5/16		127	105	74.3	8	12	9.5	9.5	22	85.7	32.9	42.9	17.5	3/8	M10	207-21	FCS207		
207-22	1 3/8		5.000	4.134	2.925	0.315	0.472	0.374	0.374	0.866	3.374	1.295	1.689	0.689			207-22			
207-23	1 7/16																207-23			
207		35															207			
UCFCS 208-24	1 1/2																	UC 208-24		1.10
208-25	1 9/16		134	111	78.5	9	12	11	11	26	92	38.6	49.2	19	3/8	M10	208-25	FCS208		
208		40	5.276	4.370	3.091	0.354	0.472	0.433	0.433	1.024	3.622	1.520	1.937	0.748			208			
UCFCS 209-26	1 5/8																	UC 209-26		1.60
209-27	1 11/16		155	130	92	5.5	14	12	12	22	108	35.2	49.2	19.0	7/16	M12	209-27	FCS209		
209-28	1 3/4		6.102	5.118	3.622	0.217	0.551	0.472	0.472	0.866	4.252	1.386	1.937	0.748			209-28			
209		45															209			
UCFCS 210-30	1 7/8																	UC 210-30		1.55
210-31	1 15/16		155	130	92	8	14	12	11	25	108	40	51.6	19.0	7/16	M12	210-31	FCS210		
210-32	2		6.102	5.118	3.622	0.315	0.551	0.472	0.433	0.984	4.252	1.575	2.031	0.748			210-32			
210		50															210			
UCFCS 211-32	2																	UC 211-32		1.62
211-34	2 1/8		162	137	96.9	7	14	16	11	25	114	39.8	55.6	22.2	7/16	M12	211-34	FCS211		
211-35	2 3/16		6.378	5.394	3.815	0.276	0.551	0.630	0.433	0.984	4.488	1.567	2.189	0.874			211-35			
211		55															211			
UCFCS 212-36	2 1/4																	UC 212-36		2.30
212-38	2 3/8		180	152	108	4	16	22	13	26	127	43	65.1	25.4	1/2	M14	212-38	FCS212		
212-39	2 7/16		7.087	5.984	4.252	0.157	0.630	0.866	0.512	1.024	5.000	1.693	2.563	1.000			212-39			
212		60															212			
UCFCS 213-40	2 1/2																	UC 213-40		3.00
213-41	2 9/16		193	165	117	11	16	20	15	33	140	49.9	65.1	25.4	1/2	M14	213-41	FCS213		
213		65	7.598	6.496	4.606	0.433	0.630	0.787	0.591	1.299	5.512	1.965	2.563	1.000			213			

Flange Bracket Units — Set Screw Type



UCFB200 Series, 3 Bolts

- ◆ Standard duty, high-grade cast iron
- ◆ Solid foot housing design
- ◆ Wide inner ring bearing
- ◆ Relubricatable unit with anti-rotation pin
- ◆ Standard seal : SR type seal or single lip seal
- ◆ Triple lip seal is available upon request
- ◆ Air handling unit is available with suffix "AH"
- ◆ Add prefix "S" for stainless steel version



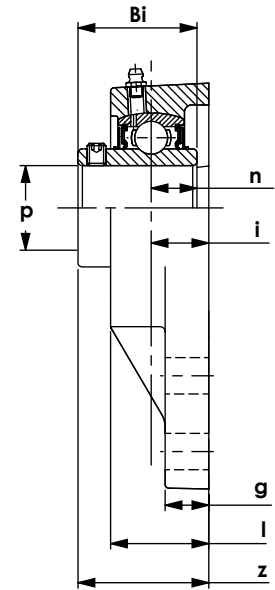
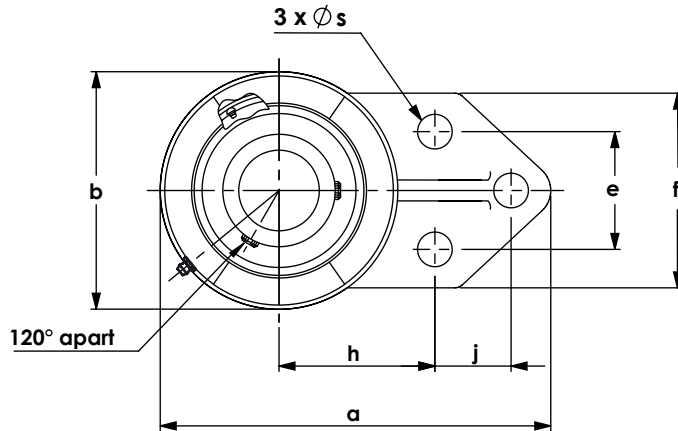
WJB Unit No.	Shaft Dia.		Dimensions													Bolt Size		Bearing No.	Housing No.	Weight
	d		a	h	e	j	i	g	l	s	b	f	z	Bi	n	in.	mm			kg
	in.	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm					
UCFB 201		12	108	42.9	38.1	22	15.9	8	25.4	10	63.5	60.3	34.1	31	12.7	5/16	M8	UC 201	FB204	0.34
201-8	1/2	4.252	1.689	1.500	0.866	0.626	0.315	1.000	0.394	2.500	2.374	1.343	1.220	0.500						
UCFB 202		15	108	42.9	38.1	22	15.9	8	25.4	10	63.5	60.3	34.1	31	12.7	5/16	M8	UC 202	FB204	0.34
202-9	9/16	4.252	1.689	1.500	0.866	0.626	0.315	1.000	0.394	2.500	2.374	1.343	1.220	0.500						
202-10	5/8																			
UCFB 203-11	11/16		108	42.9	38.1	22	15.9	8	25.4	10	63.5	60.3	34.1	31	12.7	5/16	M8	UC 203-11	FB204	0.34
203	17	4.252	1.689	1.500	0.866	0.626	0.315	1.000	0.394	2.500	2.374	1.343	1.220	0.500						
UCFB 204-12	3/4		108	42.9	38.1	22	15.9	8	25.4	10	63.5	60.3	34.1	31	12.7	5/16	M8	UC 204-12	FB204	0.49
204	20	4.252	1.689	1.500	0.866	0.626	0.315	1.000	0.394	2.500	2.374	1.343	1.220	0.500						
UCFB 205-14	7/8															5/16	M8	UC 205-14	FB205	0.45
205-15	15/16	121	46	41.3	28.5	16.7	9.5	28.5	10	70	63.5	36.5	34	14.3						
205-16	1	4.764	1.811	1.626	1.122	0.657	0.374	1.122	0.394	2.756	2.500	1.437	1.339	0.563						
205	25																			
UCFB 206-18	1 1/8															5/16	M8	UC 206-18	FB206	0.65
206-19	1 3/16	137	52.4	47.6	31.7	18.6	9.5	32	10	83	70	40.9	38.1	15.9						
206-20	1 1/4	5.394	2.063	1.874	1.248	0.732	0.374	1.260	0.394	3.268	2.756	1.610	1.500	0.626						
206	30																			

Flange Bracket Units — Set Screw Type



UCFB200 Series, 3 Bolts

- ◆ Standard duty, high-grade cast iron
- ◆ Solid foot housing design
- ◆ Wide inner ring bearing
- ◆ Relubricatable unit with anti-rotation pin
- ◆ Standard seal : SR type seal or single lip seal
- ◆ Triple lip seal is available upon request
- ◆ Air handling unit is available with suffix "AH"
- ◆ Add prefix "S" for stainless steel version



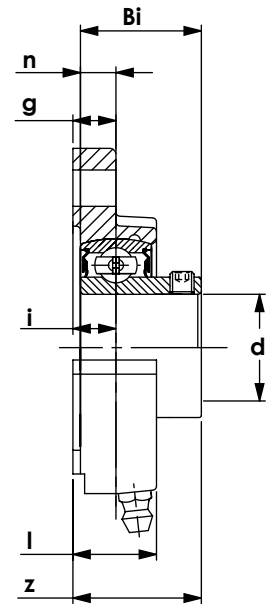
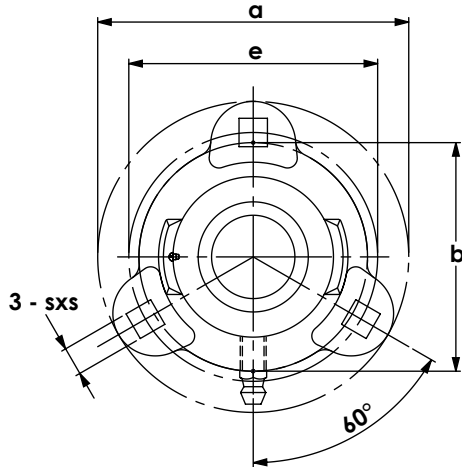
WJB Unit No.	Shaft Dia.		Dimensions													Bolt Size		Bearing No.	Housing No.	Weight
	d		a	h	e	j	i	g	l	s	b	f	z	Bi	n	in.	mm			
	in.	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm					
UCFB 207-20	1 1/4																	UC 207-20		
207-21	1 5/16		156	60.3	50.8	31.7	21	12.7	36.5	13	95	83	46.4	42.9	17.5			207-21		
207-22	1 3/8		6.142	2.374	2.000	1.248	0.827	0.500	1.437	0.512	3.740	3.268	1.827	1.689	0.689	3/8	M10	207-22	FB207	0.92
207-23	1 7/16																	207-23		
207		35																207		
UCFB 208-24	1 1/2		164	60.3	50	41.3	21	15.9	35.7	12	100	78	51.2	49.2	19			UC 208-24		
208-25	1 9/16		6.457	2.374	1.969	1.626	0.827	0.626	1.406	0.472	3.937	3.071	2.016	1.937	0.748	3/8	M10	208-25	FB208	0.96
208		40																208		
UCFB 209-26	1 5/8																	UC 209-26		
209-27	1 11/16		174	65	54	42.9	21.8	18.3	38	12	106	80	51.2	49.2	19.0			209-27		
209-28	1 3/4		6.850	2.559	2.126	1.689	0.858	0.720	1.496	0.472	4.173	3.150	2.016	1.937	0.748	3/8	M10	209-28	FB209	1.17
209		45																209		
UCFB 210-30	1 7/8																	UC 210-30		
210-31	1 15/16		190	74.6	70	41.3	21.8	12.7	38	13	118	102	53.6	51.6	19.0			210-31		
210-32	2		7.480	2.937	2.756	1.626	0.858	0.500	1.496	0.512	4.646	4.016	2.110	2.031	0.748	3/8	M10	210-32	FB210	1.43
210		50																210		

Flange Units (Triangle) — Set Screw Type



SBFCT200 Series, 3 Bolts

- ◆ Standard duty, high-grade cast iron
- ◆ Solid foot housing available
- ◆ Wide inner ring bearing
- ◆ Relubrication type with suffix "G"
- ◆ Standard seal : SR type seal or single lip seal
- ◆ Triple lip seal is available upon request
- ◆ Air handling unit is available with suffix "AH"
- ◆ Add prefix "S" for stainless steel version



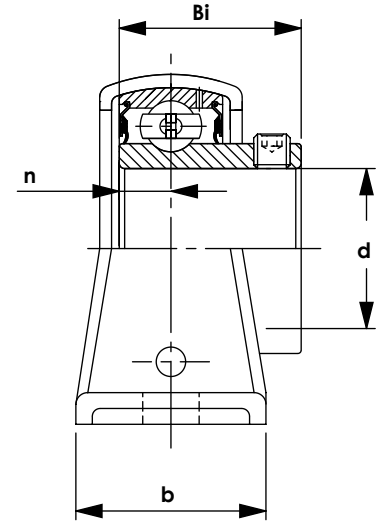
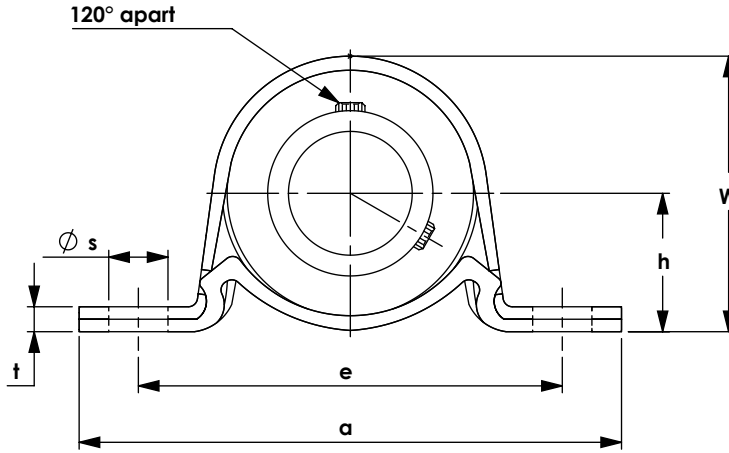
WJB Unit No.	Shaft Dia.		Dimensions										Bolt Size		Bearing No.	Housing No.	Weight
	d		a	e	i	g	l	s	b	z	Bi	n	in.	mm			kg
	in.	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm					
SBFCT 201 201-8	1/2	12	81	63.5	9.8	10	17.5	7.1	49	25.8	22	6	1/4	M6	SB 201 201-8	FCT203	0.10
SBFCT 202 202-9 202-10	9/16 5/8	15	81	63.5	9.8	10	17.5	7.1	49	25.8	22	6	1/4	M6	SB 202 202-9 202-10	FCT203	0.10
SBFCT 203-11 203	11/16 17	81	63.5	9.8	10	17.5	7.1	49	25.8	22	6	1/4	M6	SB 203-11 203	FCT203	0.10	
SBFCT 204-12 204	3/4 20	90.4	71.4	11	10	20	8.7	62	29	25	7	5/16	M8	SB 204-12 204	FCT204	0.20	
SBFCT 205-14 205-15 205-16 205	7/8 15/16 1 25	95.2	76.2	10.3	12	20	8.7	72	29.8	27	7.5	5/16	M8	SB 205-14 205-15 205-16 205	FCT205	0.20	
SBFCT 206-18 206-19 206-20 206	1 1/8 1 3/16 1 1/4 30	112.5	90.5	12	12	22	10.3	84	34	30	8	5/16	M8	SB 206-18 206-19 206-20 206	FCT206	0.30	
SBFCT 207-20 207-22 207-23 207	1 1/4 1 3/8 1 7/16 35	122	100	13.5	13.5	24	10.3	90	37	32	8.5	5/16	M8	SB 207-20 207-22 207-23 207	FCT207	0.42	

Pressed Housing Unit — Set Screw Type



SBPP200 Series, Pressed Round Unit

- ◆ Light duty, high-grade carbon structural steel
- ◆ Pressed housing with zinc coating
- ◆ Wide inner ring bearing
- ◆ Standard seal : SR type seal or single lip seal
- ◆ Triple lip seal is available upon request
- ◆ Add prefix "S" for stainless steel version



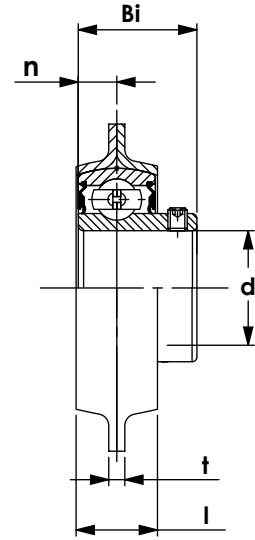
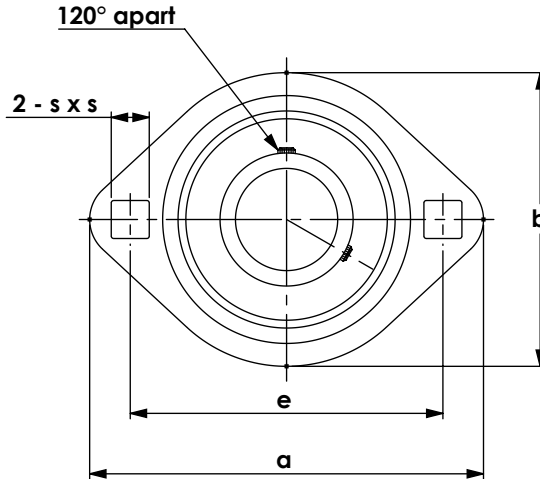
WJB Unit No.	Shaft Dia.		Dimensions									Bolt Size		Bearing No.	Housing No.	Weight kg
	d	mm	h	a	e	b	s	t	W	n	Bi	in.	mm			
	in.	mm	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	mm			
SBPP 201 201-8	12 1/2	22.2 0.874	86 3.386	68 2.677	25 0.984	9.5 0.374	3.2 0.126	44 1.732	6 0.236	22 0.866	5/16	M8	SB 201 201-8	PP203	0.16	
SBPP 202 202-9 202-10	15 9/16 5/8	22.2 0.874	86 3.386	68 2.677	25 0.984	9.5 0.374	3.2 0.126	44 1.732	6 0.236	22 0.866	5/16	M8	SB 202 202-9 202-10	PP203	0.16	
SBPP 203-11 203	11/16 17	22.2 0.874	86 3.386	68 2.677	25 0.984	9.5 0.374	3.2 0.126	44 1.732	6 0.236	22 0.866	5/16	M8	SB 203-11 203	PP203	0.16	
SBPP 204-12 204	3/4 20	25.4 1.000	98 3.858	76 2.992	32 1.260	9.5 0.374	3.2 0.126	50 1.969	7 0.276	25 0.984	3/8	M10	SB 204-12 204	PP204	0.21	
SBPP 205-14 205-15 205-16 205	7/8 15/16 1 25	28.6 1.126	108 4.252	86 3.386	32 1.260	11.5 0.453	4 0.157	56 2.205	7.5 0.295	27 1.063	3/8	M10	SB 205-14 205-15 205-16 205	PP205	0.29	
SBPP 206-18 206-19 206-20 206	1 1/8 1 3/16 1 1/4 30	33.3 1.311	117 4.606	95 3.740	38 1.496	11.5 0.453	4 0.157	66 2.598	8 0.315	30 1.181	3/8	M10	SB 206-18 206-19 206-20 206	PP206	0.45	
SBPP 207-20 207-21 207-22 207-23 207	1 1/4 1 5/16 1 3/8 1 7/16 35	39.7 1.563	129 5.079	106 4.173	42 1.654	11.5 0.453	4.6 0.181	78 3.071	8.5 0.335	32 1.260	3/8	M10	SB 207-20 207-21 207-22 207-23 207	PP207	0.61	

Pressed Housing Unit — Set Screw Type



SBPFL200 Series, Pressed Round Unit

- ◆ Light duty, high-grade carbon structural steel
- ◆ Pressed housing with zinc coating
- ◆ Wide inner ring bearing
- ◆ Standard seal : SR type seal or single lip seal
- ◆ Triple lip seal is available upon request
- ◆ Add prefix "S" for stainless steel version



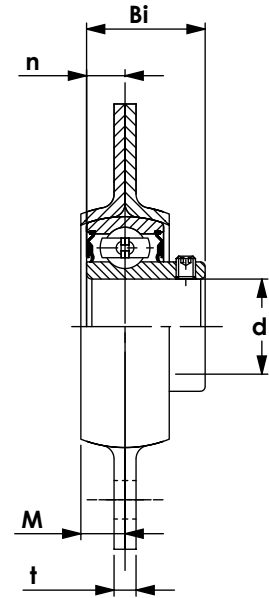
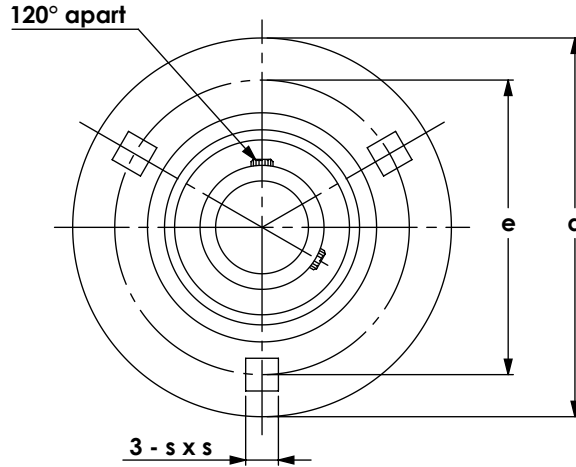
WJB Unit No.	Shaft Dia.		Dimensions								Bolt Size		Bearing No.	Housing No.	Weight
	d		a	e	l	b	t	s	n	Bi					
	in.	mm	mm in.	mm in.	mm in.	mm in.	mm in.	mm in.	mm in.	mm in.	in.	mm			kg
SBPFL 201 201-8		12	81 3.189	63 2.480	14 0.551	59 2.323	2 0.079	7 0.276	6 0.236	22 0.866	1/4	M6	SB 201 201-8	PFL203	0.19
SBPFL 202 202-9 202-10		15	81 3.189	63 2.480	14 0.551	59 2.323	2 0.079	7 0.276	6 0.236	22 0.866	1/4	M6	SB 202 202-9 202-10	PFL203	0.19
SBPFL 203-11 203	11/16		81 3.189	63 2.480	14 0.551	59 2.323	2 0.079	7 0.276	6 0.236	22 0.866	5/16	M8	SB 203-11 203	PFL203	0.19
SBPFL 204-12 204	3/4		90 3.543	71 2.795	16 0.630	67 2.638	2 0.079	9 0.354	7 0.276	25 0.984	5/16	M8	SB 204-12 204	PFL204	0.24
SBPFL 205-14 205-15 205-16 205	7/8 15/16 1		95 3.740	76 2.992	18 0.709	71 2.795	2 0.079	9 0.354	7.5 0.295	27 1.063	5/16	M8	SB 205-14 205-15 205-16 205	PFL205	0.28
SBPFL 206-18 206-19 206-20 206	1 1/8 1 3/16 1 1/4		113 4.449	90 3.543	18 0.709	84 3.307	2.6 0.102	11 0.433	8 0.315	30 1.181	3/8	M10	SB 206-18 206-19 206-20 206	PFL206	0.38
SBPFL 207-20 207-21 207-22 207-23 207	1 1/4 1 5/16 1 3/8 1 7/16		122 4.803	100 3.937	20 0.787	94 3.701	2.6 0.102	11 0.433	8.5 0.335	32 1.260	3/8	M10	SB 207-20 207-21 207-22 207-23 207	PFL207	0.65

Pressed Housing Unit — Set Screw Type



SBPF200 Series, Pressed Round Unit

- ◆ Light duty, high-grade carbon structural steel
- ◆ Pressed housing with zinc coating
- ◆ Wide inner ring bearing
- ◆ Standard seal : SR type seal or single lip seal
- ◆ Triple lip seal is available upon request
- ◆ Add prefix "S" for stainless steel version



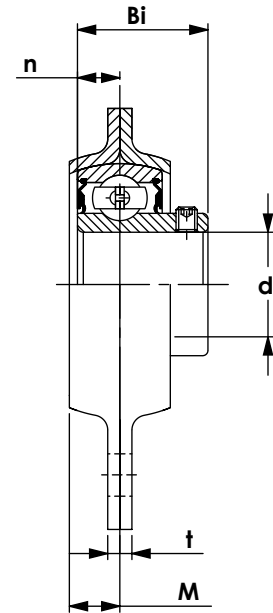
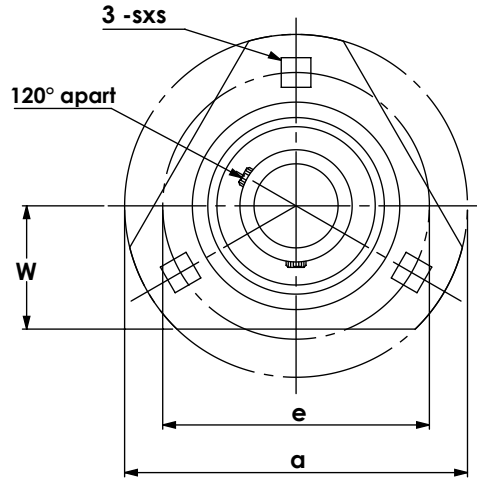
WJB Unit No.	Shaft Dia.		Dimensions							Bolt Size		Bearing No.	Housing No.	Weight
	d		a	e	M	t	s	n	Bi	in.	mm			
	in.	mm	mm	mm	mm	mm	mm	mm	mm					
SBPF 201 201-8	1/2	12	81 3.189	64 2.520	7 0.276	4 0.157	7 0.276	6 0.236	22 0.866	1/4	M6	SB 201 201-8	PF203	0.20
SBPF 202 202-9 202-10	9/16 5/8	15	81 3.189	64 2.520	7 0.276	4 0.157	7 0.276	6 0.236	22 0.866	1/4	M6	SB 202 202-9 202-10	PF203	0.20
SBPF 203-11 203	11/16 17	17	81 3.189	64 2.520	7 0.276	4 0.157	7 0.276	6 0.236	22 0.866	1/4	M6	SB 203-11 203	PF203	0.20
SBPF 204-12 204	3/4 20	20	90 3.543	71 2.795	8 0.315	4 0.157	9 0.354	7 0.276	25 0.984	5/16	M8	SB 204-12 204	PF204	0.25
SBPF 205-14 205-15 205-16 205	7/8 15/16 1 25	25	95 3.740	76 2.992	9 0.354	4 0.157	9 0.354	7.5 0.295	27 1.063	5/16	M8	SB 205-14 205-15 205-16 205	PF205	0.35
SBPF 206-18 206-19 206-20 206	1 1/8 1 3/16 1 1/4 30	30	113 4.449	90 3.543	9 0.354	5.2 0.205	11 0.433	8 0.315	30 1.181	3/8	M10	SB 206-18 206-19 206-20 206	PF206	0.54
SBPF 207-20 207-22 207-23 207	1 1/4 1 3/8 1 7/16 35	35	122 4.803	100 3.937	10 0.394	5.2 0.205	11 0.433	8.5 0.335	32 1.260	3/8	M10	SB 207-20 207-22 207-23 207	PF207	0.71

Pressed Housing Unit — Set Screw Type



SBPFT200 Series, Pressed Round Unit

- ◆ Light duty, high-grade carbon structural steel
- ◆ Pressed housing with zinc coating
- ◆ Wide inner ring bearing
- ◆ Standard seal : SR type seal or single lip seal
- ◆ Triple lip seal is available upon request
- ◆ Add prefix "S" for stainless steel version



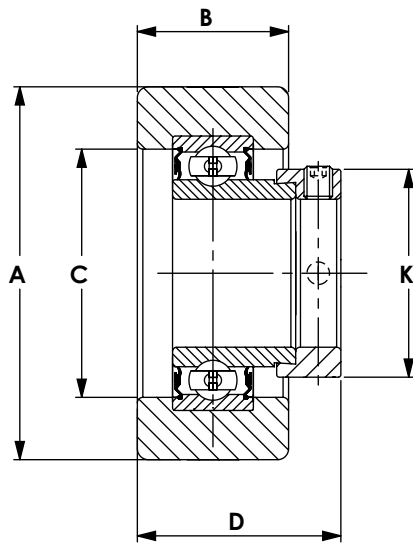
WJB Unit No.	Shaft Dia.		Dimensions								Bolt Size		Bearing No.	Housing No.	Weight
	d		a	e	M	t	W	s	n	Bi	in.	mm			
	in.	mm	mm	mm	mm	mm	mm	mm	mm	mm					in.
SBPFT 201 201-8	12 1/2	81 3.189	64 2.520	7 0.276	4 0.157	29 1.142	7 0.276	6 0.236	22 0.866	1/4	M6	SB 201 201-8	PFT203	0.20	
SBPFT 202 202-9 202-10	15 9/16 5/8	81 3.189	64 2.520	7 0.276	4 0.157	29 1.142	7 0.276	6 0.236	22 0.866	1/4	M6	SB 202 202-9 202-10	PFT203	0.20	
SBPFT 203-11 203	17 11/16	81 3.189	64 2.520	7 0.276	4 0.157	29 1.142	7 0.276	6 0.236	22 0.866	1/4	M6	SB 203-11 203	PFT203	0.20	
SBPFT 204-12 204	20 3/4	90 3.543	71 2.795	8 0.315	4 0.157	33 1.299	9 0.354	7 0.276	25 0.984	5/16	M8	SB 204-12 204	PFT204	0.25	
SBPFT 205-14 205-15 205-16 205	25 7/8 15/16 1	95 3.740	76 2.992	9 0.354	4 0.157	35 1.378	9 0.354	7.5 0.295	27 1.063	5/16	M8	SB 205-14 205-15 205-16 205	PFT205	0.35	
SBPFT 206-18 206-19 206-20 206	30 1 1/8 1 3/16 1 1/4	113 4.449	90 3.543	9 0.354	5.2 0.205	38 1.496	11 0.433	8 0.315	30 1.181	3/8	M10	SB 206-18 206-19 206-20 206	PFT206	0.54	
SBPFT 207-20 207-22 207-23 207	35 1 1/4 1 3/8 1 7/16	122 4.803	100 3.937	10 0.394	5.2 0.205	45 1.772	11 0.433	8.5 0.335	32 1.260	3/8	M10	SB 207-20 207-22 207-23 207	PFT207	0.71	

Rubber Mounted Cartridge Unit

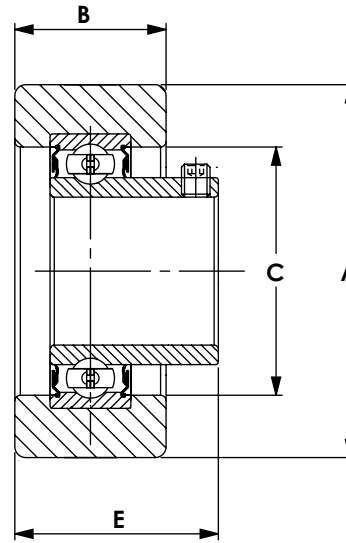


RCSM, RCSMS Series

- ◆ Normal duty, GCr15 steel, rubber
- ◆ Non-relubricatable
- ◆ Narrow inner ring bearing
- ◆ Standard seal : SR type seal or single lip seal
- ◆ Triple lip seal is available upon request
- ◆ Add prefix "S" for stainless steel version



RCSM



RCSMS

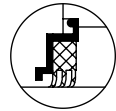
WJB Unit No.		Shaft Dia.	Dimensions						Bearing No.		Housing No.	Weight		
			d	A	B	C	E	D				K	RCSM	RCSMS
Locking Collar Type	Set Screw Type	in.	mm	mm	mm	mm	mm	mm	mm	RCSM	RCSMS	RC-3	RCSM	RCSMS
			in.	in.	in.	in.	in.	in.	in.				Kg	Kg
RCSM201-8	RCSMS201-8	1/2	64.3	25.4	33.5	28.7	34.9	28.6	CSA201-8	CSB201-8	RC-3	0.2	0.16	
RCSM202-10	RCSMS202-10	5/8	2.531	1.000	1.319	1.130	1.375	1.125	CSA202-10	CSB202-10				
RCSM204-12	RCSMS204-12	3/4	64.3	25.4	39.5	30.7	36.7	31.8	CSA204-12	CSB204-12	RC-4	0.24	0.22	
			2.531	1.000	1.555	1.209	1.445	1.250						
RCSM205-14	RCSMS05-14	7/8	64.3	25.4	45.2	32.2	36.1	38.1	CSA205-14	CSB205-14	RC-5	0.26	0.24	
RCSM205-15	RCSMS205-15	15/16	2.531	1.000	1.781	1.268	1.422	1.500	CSA205-15	CSB205-15				
RCSM205-16	RCSMS205-16	1							CSA205-16	CSB205-16				
RCSM206-19	RCSMS206-19	1 3/16	64.3	25.4	48	37.1	40.7	44.4	CSA206-19	CSB206-19	RC-6	0.28	0.26	
RCSM206-20	RCSMS206-20	1 1/4	2.531	1.000	1.890	1.461	1.602	1.748	CSA206-20	CSB206-20				
RCSM106-19	-	1 3/16	64.3	25.4	47.6	-	26.2	42.1	CSA106-19	-	RCS-6	0.25	-	
			2.531	1.000	1.875		1.031	1.656						

Insert Bearing — Set Screw Type

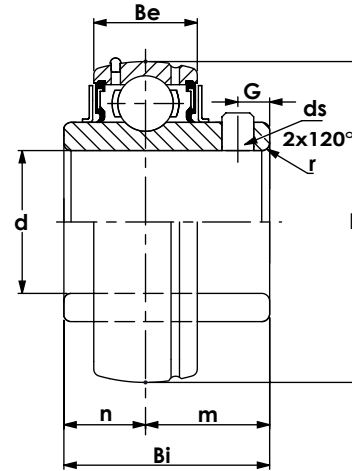
UC200 & CUC200 Series



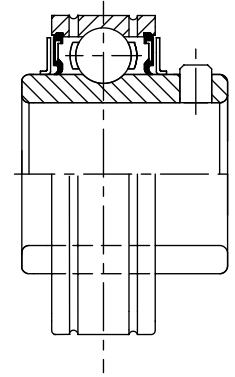
- ◆ Standard load capacity
- ◆ Wide inner ring bearing with spherical or cylindrical outer ring
- ◆ Relubricatable groove with oil hole on set screw side
- ◆ Installed with anti-rotation pin
- ◆ Nylon patched class 3A set screws are standard
- ◆ Standard seal : SR type seal or single lip seal
- ◆ Triple lip seal is available upon request
- ◆ Add prefix "S" for stainless steel version



R3 Type Seal



UC
Spherical OD



CUC
Cylindrical OD

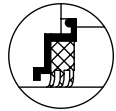
Bearing No.	Shaft Dia. d		Dimensions are in (in.) or (mm)								Dyn. (KN)	Static (KN)	Weight (kg)
	(in.)	(mm)	D	Bi	Be	r	n	m	G	ds			
UC 201 201-8	1/2	12	1.8504 47	1.2205 31.0	0.6693 17	0.0591 1.5	0.5000 12.7	0.7205 18.3	0.1850 4.7	1/4-28UNF M6X1.0	12.8	6.65	0.21
UC 202 202-10	5/8	15	1.8504 47	1.2205 31.0	0.6693 17	0.0591 1.5	0.5000 12.7	0.7205 18.3	0.1850 4.7	1/4-28UNF M6X1.0	12.8	6.65	0.19
UC 203 203-11	11/16	17	1.8504 47	1.2205 31.0	0.6693 17	0.0591 1.5	0.5000 12.7	0.7205 18.3	0.1850 4.7	1/4-28UNF M6X1.0	12.8	6.65	0.18
UC 204-12 204	3/4 20		1.8504 47	1.2205 31.0	0.6693 17	0.0591 1.5	0.5000 12.7	0.7205 18.3	0.1850 4.7	1/4-28UNF M6X1.0	12.8	6.65	0.16 0.16
UC 205-14 205-15 205 205-16	7/8 15/16 25 1		2.0472 52	1.3425 34.1	0.6693 17	0.0591 1.5	0.5630 14.3	0.7795 19.8	0.2087 5.3	1/4-28UNF M6X1.0	14.0	7.88	0.23 0.21 0.20 0.20
UC 206-18 206 206-19 206-20	1 1/8 30 1 3/16 1 1/4		2.4409 62	1.5000 38.1	0.7480 19	0.0591 1.5	0.6260 15.9	0.8740 22.2	0.2165 5.5	1/4-28UNF M6X1.0	19.5	11.2	0.34 0.32 0.32 0.30
UC 207-20 207-21 207-22 207 207-23	1 1/4 1 5/16 1 3/8 35 1 7/16		2.8346 72	1.6890 42.9	0.7874 20	0.0787 2	0.6890 17.5	1.0000 25.4	0.2756 7	5/16-24UNF M8X1.0	25.7	15.2	0.54 0.51 0.48 0.46 0.45
UC 208-24 208-25 208	1 1/2 1 9/16 40		3.1496 80	1.9370 49.2	0.8268 21	0.0787 2	0.7480 19	1.1890 30.2	0.3150 8	5/16-24UNF M8X1.0	29.6	18.2	0.68 0.65 0.62
UC 209-26 209-27 209-28 209	1 5/8 1 11/16 1 3/4 45		3.3465 85	1.9370 49.2	0.8661 22	0.0787 2	0.7480 19	1.1890 30.2	0.3150 8	5/16-24UNF M8X1.0	31.9	20.8	0.78 0.74 0.70 0.68

Insert Bearing — Set Screw Type

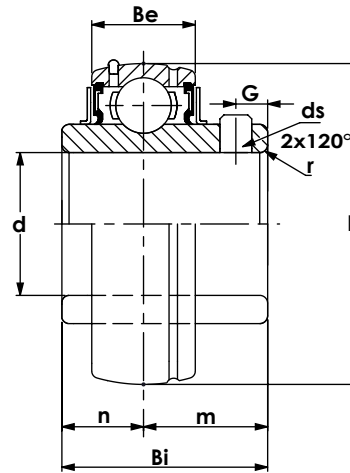
UC200 & CUC200 Series



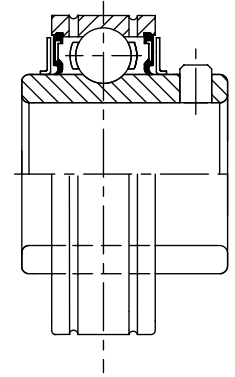
- ◆ Standard load capacity
- ◆ Wide inner ring bearing with spherical or cylindrical outer ring
- ◆ Relubricatable groove with oil hole on set screw side
- ◆ Installed with anti-rotation pin
- ◆ Nylon patched class 3A set screws are standard
- ◆ Standard seal : SR type seal or single lip seal
- ◆ Triple lip seal is available upon request
- ◆ Add prefix "S" for stainless steel version



R3 Type Seal



UC
Spherical OD



CUC
Cylindrical OD

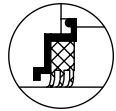
Bearing No.	Shaft Dia. d		Dimensions are in (in.) or (mm)								Dyn. (KN)	Static (KN)	Weight (kg)				
	(in.)	(mm)	D	Bi	Be	r	n	m	G	ds				Cr	Cor		
UC 210-30	1 7/8														0.84		
210-31	1 15/16		3.5433	2.0315	0.9449	0.0984	0.7480	1.2835	0.3937	3/8-24UNF	35.1	23.2		0.79			
210		50	90	51.6	24	2.5	19	32.6	10	M10X1.0				0.77			
210-32	2													0.76			
UC 211-32	2																1.26
211-34	2 1/8		3.9370	2.1890	0.9843	0.0984	0.8740	1.3150	0.3937	3/8-24UNF	43.5	29.2		1.15			
211		55	100	55.6	25	2.5	22.2	33.4	10	M10X1.0				1.01			
211-35	2 3/16													1.09			
UC 212-36	2 1/4																1.60
212		60	4.3307	2.5630	1.0630	0.0984	1.0000	1.5630	0.3937	3/8-24UNF	47.8	32.8		1.45			
212-38	2 3/8		110	65.1	27	2.5	25.4	39.7	10	M10X1.0				1.45			
212-39	2 7/16													1.33			
UC 213-40	2 1/2																1.94
213		65	4.7244	2.5630	1.1024	0.0984	1.0000	1.5630	0.3937	3/8-24UNF	57.2	40.1		1.80			
UC 214-44	2 3/4																2.06
214		70	4.9213	2.9370	1.1811	0.0984	1.1890	1.7480	0.4724	7/16-20UNF				60.8	45.3		1.99
UC 215		75															
215-47	2 15/16		5.1181	3.0630	1.1811	0.0984	1.3110	1.7520	0.4724	7/16-20UNF	66.2	49.5					2.21
215-48	3		130	77.8	30	2.5	33.3	44.5	12	M12X1.25							2.11
UC 216		80															2.72
216-50	3 1/8		5.5118	3.2520	1.2992	0.1181	1.3110	1.9409	0.5512	7/16-20UNF				71.5	54.2		2.90
UC 217-52	3 1/4																3.66
217		85	5.9055	3.3740	1.4173	0.1181	1.3425	2.0315	0.5512	7/16-20UNF	83.2	63.8					3.45
UC 218-56	3 1/2																
218		90	6.2992	3.7795	1.4567	0.1181	1.5630	2.2165	0.5512	7/16-20UNF				95.9	71.5		4.35

Insert Bearing — Set Screw Type

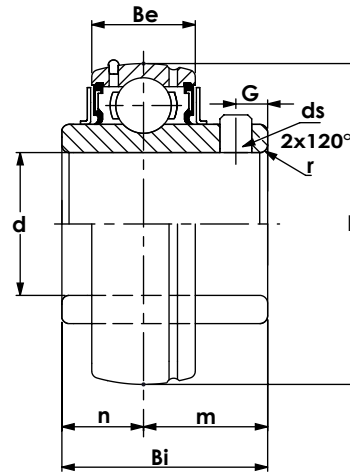
UC300 & CUC300 Series



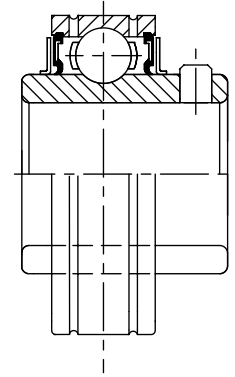
- ◆ Standard load capacity
- ◆ Wide inner ring bearing with spherical or cylindrical outer ring
- ◆ Relubricatable groove with oil hole on set screw side
- ◆ Installed with anti-rotation pin
- ◆ Nylon patched class 3A set screws are standard
- ◆ Standard seal : SR type seal or single lip seal
- ◆ Triple lip seal is available upon request
- ◆ Add prefix "S" for stainless steel version



R3 Type Seal



UC
Spherical OD



CUC
Cylindrical OD

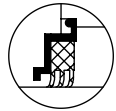
Bearing No.	Shaft Dia. d		Dimensions are in (in.) or (mm)								Dyn. (KN) Cr	Static (KN) Cor	Weight (kg)		
	(in.)	(mm)	D	Bi	Be	r	n	m	G	ds					
UC 305-14	7/8														0.39
305-15	15/16		2.4409	1.4961	0.8268	0.0787	0.5906	0.9055	0.2362	1/4-28UNF	17.3	11.4		0.37	
305	25	62	38	21	2	15	23	6	M6X1	0.35					
305-16	1													0.35	
UC 306-18	1 1/8														
306	30	2.8346	1.6929	0.9055	0.0787	0.6693	1.0236	0.2362	1/4-28UNF	20.8	14.2		0.56		
306-19	1 3/16	72	43	23	2	17	26	6	M6X1.0				0.54		
306-20	1 1/4												0.52		
UC 307-20	1 1/4													0.81	
307-21	1 5/16		3.1496	1.8898	0.9843	0.0984	0.7480	1.1417	0.3150	5/16-24UNF	25.7	18.0		0.79	
307-22	1 3/8		80	48	25	2.5	19	29	8	M8X1.0				0.75	
307	35									0.75					
UC 308-24	1 1/2													1.07	
308-25	1 9/16		3.5433	2.0472	1.0630	0.0984	0.7480	1.2992	0.3937	3/8-24UNF	31.4	22.4		1.00	
308	40	90	52	27	2.5	19	33	10	M10X1.25	1.00					
UC 309-26	1 5/8														
309-27	1 11/16		3.9370	2.2441	1.1811	0.0984	0.8661	1.3780	0.3937	3/8-24UNF	40.7	30.0		1.33	
309-28	1 3/4		100	57	30	2.5	22	35	10	M10X1.25				1.28	
309	45									1.26					
UC 310-30	1 7/8														
310-31	1 15/16		4.3307	2.4016	1.2598	0.1181	0.8661	1.5354	0.4724	7/16-20UNF	47.6	35.7		1.67	
310	50	110	61	32	3	22	39	12	M12X1.5	1.65					
310-32	2									1.63					
UC 311-32	2														
311-34	2 1/8		4.7244	2.5984	1.3386	0.1181	0.9843	1.6142	0.4724	7/16-20UNF	55.1	42.0		2.20	
311	55	120	66	34	3	25	41	12	M12X1.5	2.00					
311-35	2 3/16									2.10					

Insert Bearing — Set Screw Type

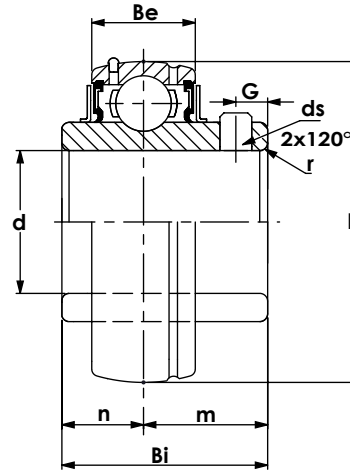
UC300 & CUC300 Series



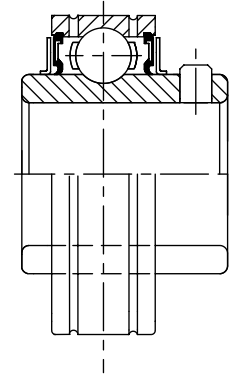
- ◆ Standard load capacity
- ◆ Wide inner ring bearing with spherical or cylindrical outer ring
- ◆ Relubricatable groove with oil hole on set screw side
- ◆ Installed with anti-rotation pin
- ◆ Nylon patched class 3A set screws are standard
- ◆ Standard seal : SR type seal or single lip seal
- ◆ Triple lip seal is available upon request
- ◆ Add prefix "S" for stainless steel version



R3 Type Seal



UC
Spherical OD



CUC
Cylindrical OD

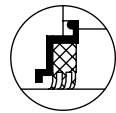
Bearing No.	Shaft Dia. d		Dimensions are in (in.) or (mm)								Dyn. (KN) Cr	Static (KN) Cor	Weight (kg)
	(in.)	(mm)	D	Bi	Be	r	m	G	W	ds			
UC 312-36	2 1/4	60	5.1181	2.7953	1.4173	0.1378	1.0236	1.7717	0.4724	7/16-20UNF	63.0	48.6	2.80
312			130	71	36	3.5	26	45	12	M12X1.5			2.50
312-38	2 3/8												
312-39	2 7/16												2.60
UC 313-40	2 1/2	65	5.5118	2.9528	1.4961	0.1378	1.1811	1.7717	0.4724	7/16-20UNF	72.3	56.7	3.46
313			140	75	38	3.5	30	45	12	M12X1.5			3.32
UC 314-44	2 3/4	70	5.9055	3.0709	1.5748	0.1378	1.2992	1.7717	0.4724	7/16-20UNF	80.1	63.6	3.90
314			150	78	40	3.5	33	45	12	M12X1.25			3.90
UC 315	3	75	6.299	3.228	1.654	0.138	1.260	1.969	0.551	1/2-20UNF	87.3	71.7	4.18
315-48			160	82	42	3.5	32	50	14	M14X1.5			4.33
UC 316	3 1/8	80	6.6929	3.3858	1.7323	0.1378	1.3386	2.0472	0.5512	1/2-20UNF	94.6	81.7	5.25
316-50			170	86	44	3.5	34	52	14	M14X1.5			5.25
UC 317-52	3 1/4	85	7.0866	3.7795	1.8110	0.1575	1.5748	2.2047	0.6299	5/8-18UNF	102.1	89.5	7.00
317			180	96	46	4	40	56	16	M16X1.5			6.70
UC 318-56	3 1/2	90	7.4803	3.7795	1.8898	0.1575	1.5748	2.2047	0.6299	5/8-18UNF	110.8	101.0	7.65
318			190	96.0	48	4	40	56	16	M16X1.5			7.60
UC 319-60	3 3/4	95	7.8740	4.0551	1.9685	0.1575	1.6142	2.4409	0.6299	5/8-18UNF	120.6	113.8	8.75
319			200	103	50	4	41	62	16	M16X1.5			8.75
UC 320-64	4	100	8.4646	4.2520	2.1260	0.1575	1.6535	2.5984	0.7087	3/4-16UNF	140.2	125.5	10.03
320			215	108	54	4	42	66	18	M18X1.5			10.28
UC 321		105	8.8583	4.4094	2.2047	0.1575	1.7323	2.6772	0.7087	M18X1.5	183.4	159.9	12.30
UC 322		110	9.4488	4.6063	2.3622	0.1575	1.8110	2.7953	0.7087	M18X1.5	205.0	179.5	14.50
			240	117	60	4	46	71	18				
UC 324		120	10.2362	4.9606	2.5197	0.1575	2.0079	2.9528	0.7087	M18X1.5	206.9	180.4	18.70
			260	126	64	4	51	75	18				
UC 326		130	11.0236	5.3150	2.6772	0.1969	2.1260	3.1890	0.7874	M20X1.5	229.5	200.1	23.30
			280	135	68	5	54	81	20				

Insert Bearing — Eccentric Locking Collar

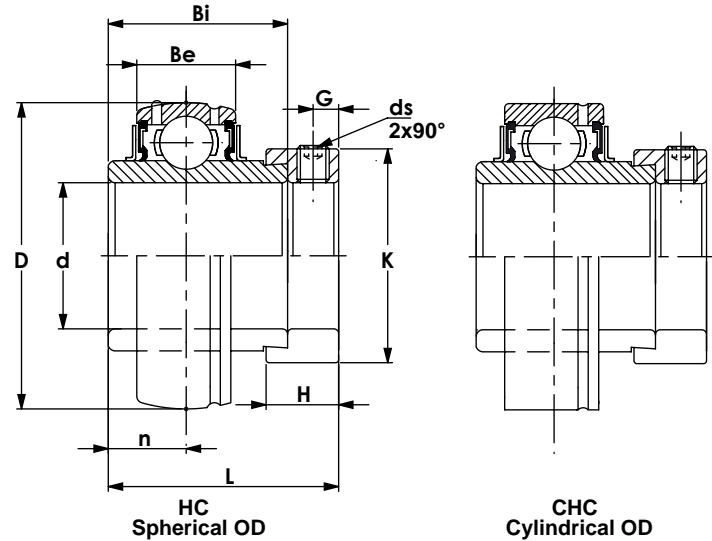


HC200 & CHC200 Series

- ◆ Standard load capacity
- ◆ Wide inner ring with spherical or cylindrical outer ring
- ◆ Relubrication groove with oil hole on locking collar side
- ◆ Installed with anti-rotation pin
- ◆ Nylon patched class 3A set screws are standard
- ◆ Standard seal : SR type seal or single lip seal
- ◆ Triple lip seal is available upon request
- ◆ Add prefix "S" for stainless steel version



R3 Type Seal



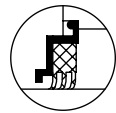
Bearing No.	Shaft Dia. d		Dimensions are in (in.) or (mm)										Dyn. (KN) Cr	Static (KN) Cor	Weight (kg)		
	(in.)	(mm)	D	L	Bi	Be	n	m	K	H	G	ds					
HCS 201-8	1/2															0.23	
202-9	9/16															0.22	
202-10	5/8		1.5748	1.4685	1.0945	0.5512	0.5472	0.5472	1.1260	0.5315	0.1575	1/4-28	9.6	4.8	0.21		
203-11	11/16		40	37.3	27.8	14	13.9	13.9	28.6	13.5	4	M6X0.75			0.20		
HC S 201		12															0.22
202		15															0.21
203		17															0.20
HC 201-8	1/2															0.27	
202-9	9/16															0.26	
202-10	5/8															0.24	
203-11	11/16		1.8504	1.7205	1.3465	0.6693	0.6732	0.6732	1.3110	0.5315	0.1969	1/4-28	9.8	6.2	0.23		
204-12	3/4		47	43.7	34.2	17	17.1	17.1	33.3	13.5	5	M6X0.75			0.26		
HC 201		12															0.27
202		15															0.24
203		17															0.23
204		20													0.21		
HC 205-14	7/8															0.29	
205-15	15/16		2.0472	1.7441	1.374	0.6693	0.6850	0.6850	1.5000	0.5315	0.1968	1/4/2028	14.0	7.9	0.27		
205		25	52	44.3	34.9	17	17.4	17.4	38.1	13.5	5.0	M6X1.0			0.25		
205-16	1																0.25
HC 206-18	1 1/8																
206		30	2.4409	1.9015	1.4370	0.7480	0.7165	0.7165	1.7520	0.6260	0.2362	5/16-24	19.5	11.2	0.41		
206-19	1 3/16		62	48.3	36.5	19	18.2	18.2	44.5	15.9	6.0	M8X1			0.41		
206-20	1 1/4																0.38
HC 207-20	1 1/4																
207-21	1 5/16															0.61	
207-22	1 3/8		2.8346	2.0118	1.4803	0.7874	0.7402	0.7402	2.1890	0.6890	0.2559	5/16-24	25.7	15.2	0.58		
207		35	72	51.1	37.6	20	18.8	18.8	55.6	17.5	6.5	M8X1			0.58		
207-23	1 7/16																0.54

Insert Bearing — Eccentric Locking Collar

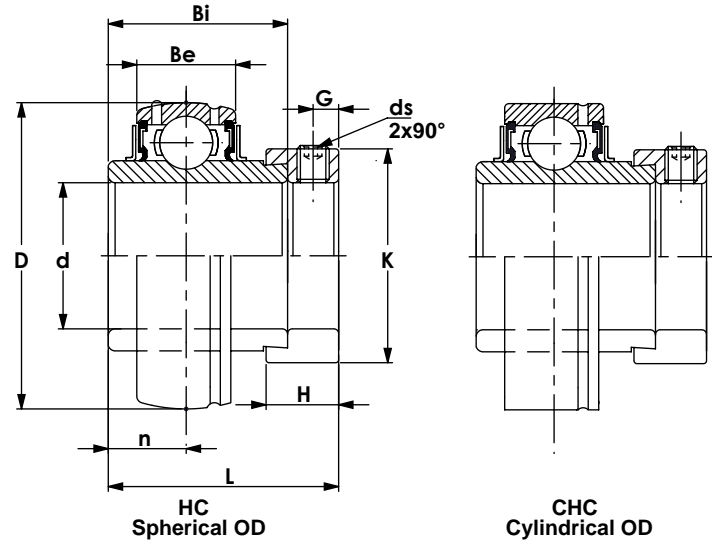
HC200 & CHC200 Series



- ◆ Standard load capacity
- ◆ Wide inner ring with spherical or cylindrical outer ring
- ◆ Relubrication groove with oil hole on locking collar side
- ◆ Installed with anti-rotation pin
- ◆ Nylon patched class 3A set screws are standard
- ◆ Standard seal : SR type seal or single lip seal
- ◆ Triple lip seal is available upon request
- ◆ Add prefix "S" for stainless steel version



R3 Type Seal



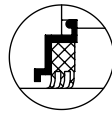
Bearing No.	Shaft Dia. d		Dimensions are in (in.) or (mm)										Dyn. (KN) Cr	Static (KN) Cor	Weight (kg)
	(in.)	(mm)	D	L	Bi	Be	n	m	K	H	G	ds			
HC 208-24	1 1/2		3.1496	2.2165	1.6850	0.8268	0.8425	0.8425	2.3740	0.7205	0.2559	5/16-24	29.6	18.2	0.83
208-25	1 9/16		80	56.3	42.8	21	21.4	21.4	60.3	18.3	6.5	M8X1			
208		40													
HC 209-26	1 5/8		3.3465	2.2165	1.6850	0.8661	0.8425	0.8425	2.5000	0.7205	0.2559	5/16-24	31.9	20.8	0.96
209-27	1 11/16		85	56.3	42.8	22	21.4	21.4	63.5	18.3	6.5	M8X1			
209-28	1 3/4														
209		45													
HC 210-30	1 7/8		3.5433	2.4685	1.9370	0.9055	0.9685	0.9685	2.752	0.7205	0.2559	5/16-24	35.1	23.2	1.06
210-31	1 15/16		90	62.7	49.2	24	24.6	24.6	69.9	18.3	6.5	M8X1			
210		50													
210-32	2														
HC 211-32	2		3.9370	2.8071	2.1850	0.9843	1.0906	1.0906	3.0000	0.8150	0.3150	3/8-24	43.6	29.2	1.58
211-34	2 1/8		100	71.3	55.5	25	27.7	27.7	76.2	20.7	8.0	M10X1			
211		55													
211-35	2 3/16														
HC 212-36	2 1/4		4.3307	3.0591	2.4370	1.0630	1.2165	1.2165	3.3150	0.8780	0.3150	3/8-24	47.8	32.8	2.03
212		60	110	77.7	61.9	27	30.9	30.9	84.2	22.3	8.0	M10X1			
212-38	2 3/8														
212-39	2 7/16														
HC 213-40	2 1/2		4.7244	3.3740	2.6850	1.1024	1.3425	1.3580	3.3858	0.9252	0.3346	3/8-24	57.2	40.0	2.51
213		65	120	85.7	68.2	28	34.1	34.1	86	23.5	8.5	M10X1			
HC 214-47	2 15/16		5.1181	3.6260	2.6850	1.1811	1.4685	1.4840	4.0157	0.9252	0.3346	3/8-24	60.8	45.0	2.74
214		75	130	92.1	68.2	30	37.3	37.3	102	23.9	8.5	M10X1			
214-48	3														
HC 215-47	2 5/16		5.1181	3.6102	2.9370	1.1811	1.4685	1.4685	4.0157	0.9410	0.3346	3/8-24	66.0	49.5	2.74
215		75	130	91.7	74.6	30	37.3	37.3	102	23.9	8.5	M10X1			
215-48	3														

Insert Bearing — Eccentric Locking Collar

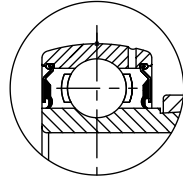


SA200 & CSA200 Series

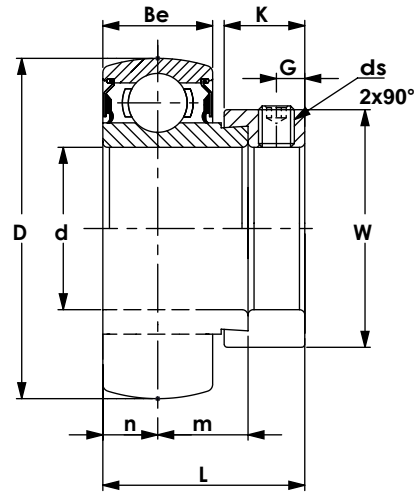
- ◆ Light load capacity
- ◆ Narrow inner ring with spherical or cylindrical outer ring
- ◆ No anti-rotation pin
- ◆ Nylon patched class 3A set screws are standard
- ◆ Standard seal: SR type seal
- ◆ Stainless steel type with prefix “S”
- ◆ Relubrication type with suffix “G”
- ◆ Triple lip seal is available upon request



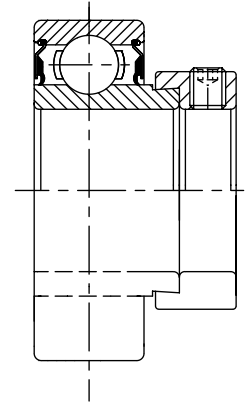
R3 Type Seal



SA200-G



SA
Spherical OD



CSA
Cylindrical OD

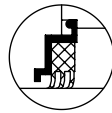
Bearing No.	Shaft Dia. d		Dimensions are in (in.) or (mm)										Dyn. (KN) Cr	Static (KN) Cor	Weight (kg)	
	(in.)	(mm)	D	Bi	Be	n	m	L	G	W	K	ds				
SA 201-8	1/2															0.14
202-9	9/16															0.13
202-10	5/8		1.5748	0.7520	0.4724	0.2362	0.5157	1.1260	0.1969	1.1260	0.5315	1/4-28	7.64	4.45	0.12	
203-11	11/16		40	19.1	12	6	13.1	28.6	5	28.6	13.5	M6x0.75			0.12	
201		12													0.11	
202		15													0.10	
203		17													0.09	
SA 204-12	3/4		1.8504	0.8465	0.5512	0.2756	0.5709	1.2205	0.1969	1.311	0.5315	1/4-28			9.90	6.17
204		20	47	21.5	14	7	14.5	31	5	33.3	13.5	M6x0.75	0.16			
SA 205-14	7/8														0.21	
205-15	15/16		2.0472	0.8465	0.5906	0.2953	0.5512	1.2205	0.1969	1.5000	0.5315	1/4-28	10.78	6.96	0.19	
205-16	1		52	21.5	15	7.5	14	31	5	38.1	13.5	M6x0.75			0.18	
205		25													0.18	
SA 206-17	1 1/16															
206-18	1 1/8														0.32	
206-19	1 3/16		2.4409	0.9370	0.6299	0.3150	0.6220	1.4055	0.2362	1.7520	0.6260	5/16-24	15.19	10.00	0.30	
206-20	1 1/4		62	23.8	16	8	15.8	35.7	6	44.5	15.9	M8X1			0.29	
206		30													0.30	
SA 207-20	1 1/4															
207-21	1 5/16														0.53	
207-22	1 3/8		2.8346	1.0000	0.6693	0.3346	0.6654	1.5315	0.2559	2.1890	0.6890	5/16-24	19.89	13.72	0.50	
207-23	1 7/16		72	25.4	17	8.5	16.9	38.9	6.5	55.6	17.5	M8X1			0.47	
207		35													0.50	

Insert Bearing — Eccentric Locking Collar

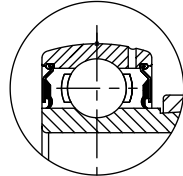


SA200 & CSA200 Series

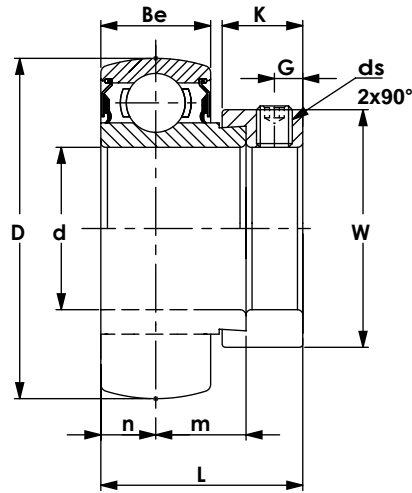
- ◆ Light load capacity
- ◆ Narrow inner ring with spherical or cylindrical outer ring
- ◆ No anti-rotation pin
- ◆ Nylon patched class 3A set screws are standard
- ◆ Standard seal: SR type seal
- ◆ Stainless steel type with prefix “S”
- ◆ Relubrication type with suffix “G”
- ◆ Triple lip seal is available upon request



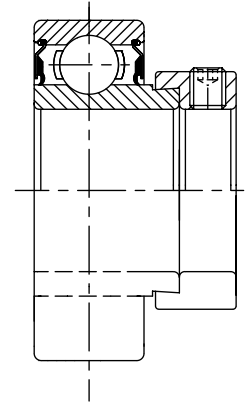
R3 Type Seal



SA200-G



SA
Spherical OD



CSA
Cylindrical OD

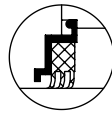
Bearing No.	Shaft Dia. d		Dimensions are in (in.) or (mm)										Dyn. (KN) Cr	Static (KN) Cor	Weight (kg)
	(in.)	(mm)	D	Bi	Be	n	m	L	G	W	K	ds			
SA 208-24	1 1/2		3.1496	1.1890	0.7087	0.3543	0.8346	1.7205	0.2559	2.3740	0.7205	5/16-24	22.54	15.68	0.67
208-25	1 9/16		80	30.2	18	9	21.2	43.7	6.5	60.3	18.3	M8X1			
208		40													
SA 209-26	1 5/8		3.3465	1.1890	0.7480	0.3740	0.8150	1.7205	0.2559	2.5000	0.7205	5/16-24	25.19	17.74	0.74
209-27	1 11/16		85	30.2	19	9.5	20.7	43.7	6.5	63.5	18.3	M8X1			
209-28	1 3/4														
209		45													
SA 210-29	1 3/16		3.5433	1.1890	0.7874	0.3937	0.7953	1.7205	0.2559	2.7520	0.7205	5/16-24	27.05	19.70	0.90
210-30	1 7/8														
210-31	1 15/16														
210-32	2														
210		50													
SA 211-32	2		3.9370	1.2795	0.8268	0.4134	0.8661	1.9055	0.3150	3.0000	0.8150	5/16-24	33.32	24.99	0.95
211-33	2 1/16														
211-34	2 1/8														
211-35	2 3/16														
211		55													
SA 212-36	2 1/4		4.3307	1.4606	0.8661	0.4331	1.0276	2.0906	0.3150	3.3150	0.8780	3/8-24	40.18	30.87	1.00
212-39	2 7/16														
212		60													

Insert Bearing — Set Screw Type

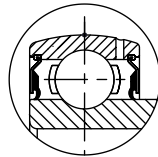
SB200 & CSB200 Series



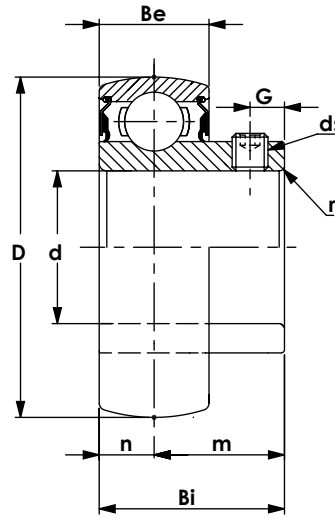
- ◆ Standard load capacity
- ◆ Wide inner ring with spherical or cylindrical outer ring
- ◆ No anti-rotation pin
- ◆ Nylon patched class 3A set screws are standard
- ◆ Standard seal: Single lip seal
- ◆ Stainless steel type with prefix “S”
- ◆ Relubrication type with suffix “G”
- ◆ Triple lip seal is available upon request



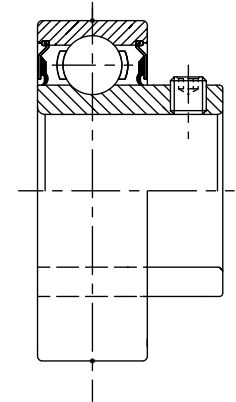
R3 Type Seal



SB200-G



SB
Spherical OD



CSB
Cylindrical OD

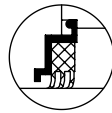
Bearing No.	Shaft Dia. d		Dimensions are in (in.) or (mm)								Dyn. (KN) Cr	Static (KN) Cor	Weight (kg)		
	(in.)	(mm)	D	Bi	Be	n	m	G	r	ds					
SB 201-8	1/2													0.09	
202-9	9/16													0.08	
202-10	5/8		1.5748	0.8661	0.4724	0.2362	0.6299	0.1772	1.1260	1/4-28	7.64	4.45	0.08		
203-11	11/16		40	22	12	6	16	4.5	28.6	M6x0.75					
201		12													
202		15													
203		17													
SB 204-12	3/4		1.8504	0.9843	0.5512	0.2756	0.7087	0.1772	1.3110	1/4-28			9.90	6.17	0.12
204		20	47	25	14	7	18	4.5	33.3	M6x0.75					
SB 205-14	7/8												0.18		
205-15	15/16		2.0472	1.0630	0.5906	0.2953	0.7677	0.1969	1.5000	1/4-28	10.78	6.96	0.17		
205-16	1		52	27	15	7.5	19.5	5	38.1	M6x0.75					
205		25													
SB 206-17	1 1/16												0.28		
206-18	1 1/8												0.26		
206-19	1 3/16		2.4409	1.1811	0.6299	0.3150	0.8661	0.2165	1.7520	1/4-28	15.19	10.00	0.25		
206-20	1 1/4		62	30	16	8	22	5.5	44.5	M6x0.75					
206		30													
SB 207-20	1 1/4														0.41
207-21	1 5/16												0.39		
207-22	1 3/8		2.8346	1.2598	0.6693	0.3346	0.9252	0.2362	2.1890	5/16-24	19.89	13.72	0.37		
207-23	1 7/16		72	32	17	8.5	23.5	6	55.6	M8X1					
207		35													
SB 208-24	1 1/2												0.48		
208-25	1 9/16		3.1496	1.3386	0.7087	0.3543	0.9843	0.3150	2.3740	5/16-24	22.54	15.68	0.45		
208		40	80	34	18	9	25	8	60.3	M8X1					

Insert Bearing — Set Screw Type

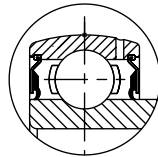


SB200 & CSB200 Series

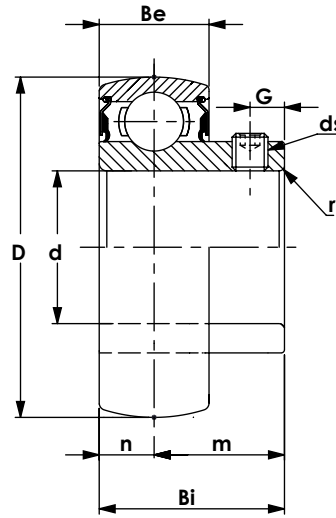
- ◆ Standard load capacity
- ◆ Wide inner ring with spherical or cylindrical outer ring
- ◆ No anti-rotation pin
- ◆ Nylon patched class 3A set screws are standard
- ◆ Standard seal: Single lip seal
- ◆ Stainless steel type with prefix “S”
- ◆ Relubrication type with suffix “G”
- ◆ Triple lip seal is available upon request



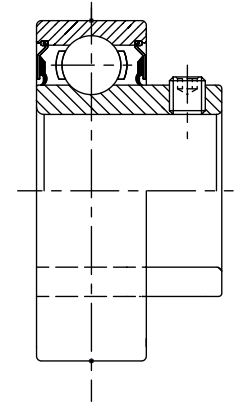
R3 Type Seal



SB200-G



SB
Spherical OD



CSB
Cylindrical OD

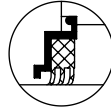
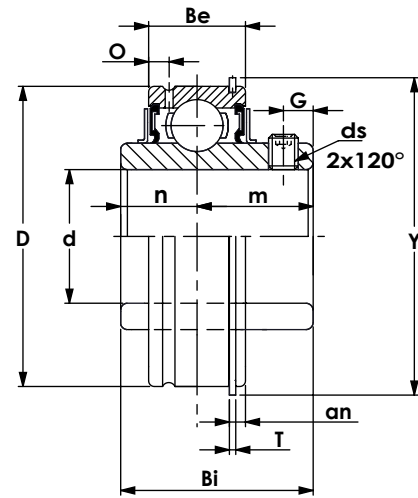
Bearing No.	Shaft Dia. d		Dimensions are in (in.) or (mm)								Dyn. (KN) Cr	Static (KN) Cor	Weight (kg)
	(in.)	(mm)	D	Bi	Be	n	m	G	r	ds			
SB 209-26	1 5/8												
209-27	1 11/16		3.3465	1.6220	0.7480	0.4016	1.2205	0.3150	2.5000	5/16-24	25.19	17.74	0.80
209-28	1 3/4		85	41.2	19	10.2	31	8	63.5	M8X1			
209		45											
SB 210-30	1 7/8		3.5433	1.7126	0.7874	0.4291	1.2835	0.3543	2.7520	5/16-24	27.05	19.70	0.87
210-31	1 15/16		90	43.5	20	10.9	32.6	9	69.9	M8X1			
210		50											
SB 211-32	2		3.9370	1.7834	0.8268	0.4646	1.3189	0.3937	3.0000	5/16-24	33.32	24.99	1.10
211-35	2 3/16		100	45.3	21	11.8	33.5	10	76.2	M8X1			
211		55											
SB 212-36	2 1/4		4.3307	2.1142	0.8661	0.5866	1.5276	0.3937	3.3150	3/8-24	40.18	30.87	1.30
212-39	2 7/16		110	53.7	22	14.9	38.8	10	84.2	M10x1.25			
212		60											

Insert Bearing — Set Screw Type



SER200 Series

- ◆ Standard load capacity
- ◆ Wide inner ring with cylindrical outer ring and snap ring
- ◆ Relubrication groove with oil hole on side opposite of set screws
- ◆ Nylon patched class 3A set screws are standard
- ◆ Standard seal: SR type seal
- ◆ Stainless steel type with prefix “S”
- ◆ Triple lip seal is available upon request



R3 Type Seal

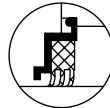
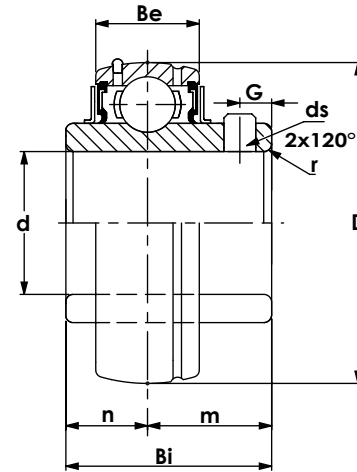
Bearing No.	Shaft Dia.		Dimensions are in (in.) or (mm)												Dyn. (KN) Cr	Static (KN) Cor	Weight (kg)		
	d (in.)	d (mm)	D	Bi	Be	n	m	T	O	X	an	y	G	ds					
SER 201-8	1/2																		
202-10	5/8																		
204-12	3/4		1.8504	1.2205	0.6260	0.4528	0.7677	0.0421	0.1575	0.5937	0.0969	2.0748	0.1969	1/4-28UNF					
SER 201		12														9.9	6.17	0.27	
202		15	47	31	15.9	11.5	19.5	1.07	4	15.08	2.46	52.7	5	M6X0.75				0.25	
203		17																	0.23
204		20																	0.20
SER 205-14	7/8																		0.23
205-15	15/16		2.0472	1.3740	0.7520	0.5157	0.8583	0.0421	0.2047	0.6213	0.0969	2.2795	0.2165	1/4-28UNF					0.22
205-16	1		52	34.9	19.1	13.1	21.8	1.07	5.2	15.78	2.46	57.9	5.5	M6X0.75		10.8	6.96	0.20	
205		25																	0.21
SER 206-18	7/8																		0.37
206-19	15/16		2.4409	1.5000	0.8740	0.6260	0.8740	0.0650	0.2205	0.6272	0.1252	2.6654	0.2165	1/4-28UNF					0.35
206-20	1 1/4		62	38.1	22.2	15.9	22.2	1.65	5.6	15.93	3.18	67.7	5.5	M6X1.0		15.1	9.99	0.35	
206		30																	0.35
SER 207-20	1 1/4																		0.56
207-21	1 5/16		2.8346	1.6890	0.9370	0.6890	1.0000	0.0650	0.2205	0.7213	0.1252	3.0945	0.2560	5/16-24UNF					0.54
207-22	1 3/8		72	42.9	23.8	17.5	25.4	1.65	5.6	18.32	3.18	78.6	6.5	M8X1.0		19.9	13.72	0.52	
207-23	1 7/16																		0.48
207		35																	0.51
SER 208-24	1 1/2		3.1496	1.9370	1.0945	0.7480	1.1890	0.0650	0.2520	0.8307	0.1252	3.4094	0.3150	5/16-24UNF					0.72
208-25	1 9/16		80	49.2	27.8	19	30.2	1.65	6.4	21.1	3.18	86.6	8	M8X1.0		22.5	15.68	0.68	
208		40																	0.68
SER 209-26	1 5/8																		0.90
209-27	1 11/16		3.3465	1.9370	1.0945	0.7480	1.1890	0.0650	0.2520	0.8307	0.1252	3.6063	0.3150	5/16-24UNF					0.80
209-28	1 3/4		85	49.2	27.8	19	30.2	1.65	6.4	21.1	3.18	91.6	8	M8X1.0		25.2	17.74	0.82	
209		45																	0.81
SER 210-30	1 7/8																		0.92
210-31	1 15/16		3.5433	2.0315	1.1260	0.7480	1.2835	0.0949	0.2953	0.9386	0.1252	3.7992	0.3543	3/8-24UNF					0.87
210-32	2		90	51.6	28.6	19	32.6	2.41	7.5	23.84	3.18	96.5	9.0	M10X1.25		27.05	19.7	0.86	
210		50																	0.85
SER 211-32	2																		1.28
211-34	2 1/8		3.9370	2.1890	1.1890	0.8740	1.3150	0.0949	0.2953	0.9386	0.1252	4.1929	0.3543	3/8-24UNF					1.18
211-35	2 3/16		100	55.6	30.2	22.2	33.4	2.41	7.5	23.84	3.18	106.5	9	M10X1.25		33.32	24.99	1.12	
211		55																	1.15
SER 212-36	2 1/4																		1.70
212-38	2 3/8		4.3307	2.5630	1.2520	1.0000	1.5630	0.0949	0.2953	1.1575	0.1252	4.5906	0.4134	3/8-24UNF					1.56
212-39	2 7/16		110	65.1	31.8	25.4	39.7	2.41	7.5	29.4	3.18	116.6	10.5	M10X1.25		40.18	30.87	1.48	
212		60																	1.58

Insert Bearing — Set Screw Type



UCX00 Series

- ◆ Medium load capacity
- ◆ Wide inner ring with greater load carrying capacity than UC insert
- ◆ Relubrication groove with oil hole on set screw side
- ◆ Installed with anti-rotation pin
- ◆ Nylon patched class 3A set screws are standard
- ◆ Standard seal: SR type seal
- ◆ Stainless steel type with prefix “S”
- ◆ Triple lip seal is available upon request



R3 Type Seal

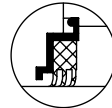
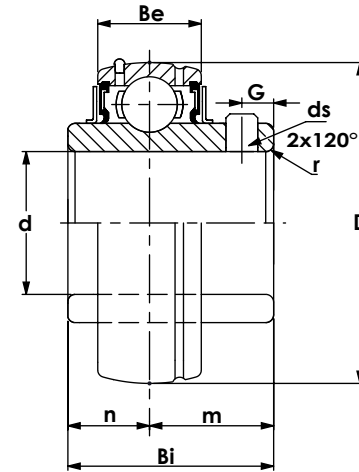
Bearing No.	Shaft Dia. d		Dimensions are in (in.) or (mm)								Dyn. (KN) Cr	Static (KN) Cor	Weight (kg)	
	(in.)	(mm)	D	Bi	Be	r	n	m	G	ds				
UCX 05-13	13/16													0.39
05-14	7/8		2.4409	1.5000	0.7480	0.0591	0.6260	0.8740	0.2165	1/4-28UNF	19.5	11.2	0.38	
05-15	15/16		62	38.1	19	1.5	15.9	22.2	5.5	M6X1.0			0.36	
05-16	1												0.34	
05-16		25											0.35	
UCX 06-17	1 1/16												0.59	
06-18	1 1/8		2.8346	1.6890	0.7874	0.0787	0.6890	1.0000	0.2756	5/16-24UNF	25.7	15.2	0.57	
06-19	1 3/16		72	42.9	20	2	17.5	25.4	7	M8X1.0			0.54	
06-20	1 1/4												0.52	
06		30											0.55	
UCX 07-20	1 1/4												0.79	
07-21	1 5/16		3.1496	1.9370	0.8268	0.0787	0.7480	1.1890	0.3150	5/16-24UNF	29.6	18.2	0.74	
07-22	1 3/8		80	49.2	21	2	19.0	30.2	8.0	M8X1.0			0.73	
07-23	1 7/16												0.72	
07		35											0.69	
UCX 08-24	1 1/2		3.3465	1.9370	0.8661	0.0787	0.7480	1.1890	0.3150	5/16-24UNF	31.8	20.8	0.84	
08		40	85	49.2	22	2	19.0	30.2	8.0	M8X1.0			0.80	
UCX 09-26	1 5/8												1.13	
09-27	1 11/16		3.5433	2.0315	0.9449	0.0787	0.7480	1.2835	0.3937	3/8-24UNF	35.1	23.2	1.09	
09-28	1 3/4		90	51.6	24	2	19.0	32.6	10	M10X1.0			1.05	
09		45											1.03	
UCX 10-29	1 13/16												1.14	
10-30	1 7/8		3.9370	2.1890	0.9843	0.0984	0.8740	1.3150	0.3937	3/8-24UNF	43.5	29.2	1.36	
10-31	1 15/16		100	55.6	25	2.5	22.2	33.4	10	M10X1.0			1.31	
10-32	2												1.26	
10		50											1.28	

Insert Bearing — Set Screw Type

UCX00 Series



- ◆ Medium load capacity
- ◆ Wide inner ring with greater load carrying capacity than UC insert
- ◆ Relubrication groove with oil hole on set screw side
- ◆ Installed with anti-rotation pin
- ◆ Nylon patched class 3A set screws are standard
- ◆ Standard seal: SR type seal
- ◆ Stainless steel type with prefix “S”
- ◆ Triple lip seal is available upon request



R3 Type Seal

Bearing No.	Shaft Dia. d		Dimensions are in (in.) or (mm)								Dyn. (KN) Cr	Static (KN) Cor	Weight (kg)	
	(in.)	(mm)	D	Bi	Be	r	n	m	G	ds				
UCX 11-32	2													1.90
11-33	2 1/16													1.84
11-34	2 1/8		4.3307	2.5630	1.0630	0.0984	1.0000	1.5630	0.3937	3/8-24UNF	47.8	32.8		1.77
11-35	2 3/16		110	65.1	27	2.5	25.4	39.7	10	M10X1.0				
11-36	2 1/4													1.58
11		55												1.73
UCX 12-36	2 1/4													2.00
12-37	2 5/16													1.93
12-38	2 3/8		4.7244	2.5630	1.1024	0.0984	1.0000	1.5630	0.4331	3/8-24UNF	57.2	40		1.85
12-39	2 7/16		120	65.1	28	2.5	25.4	39.7	11	M10X1.0				
12		60												1.87
UCX 13-40	2 1/2													2.38
13		65												2.30
UCX 14-42	2 5/8													2.61
14-43	2 11/16													2.50
14-44	2 3/4		5.1181	3.0630	1.1811	0.0984	1.3110	1.7520	0.4724	7/16-20UNF	66	49.5		2.40
14		70	130	77.8	30	2.5	33.3	44.5	12	M12X1.25				
UCX 15-45	2 13/16													3.59
15-46	2 7/8													3.47
15-47	2 15/16		5.5118	3.2520	1.2992	0.1181	1.3110	1.9410	0.5512	7/16-20UNF	71.5	54.2		3.32
15-48	3		140	82.6	33	3	33.3	49.3	14.0	M12X1.25				
15		75												3.41
UCX 16-50	3 1/8													4.16
16		80												4.11
UCX 17-52	3 1/4													5.01
17		85												4.77
UCX 18-56	3 1/2													6.12
18		90												6.00
UCX 20-63	3 15/16													9.00
20-64	4		7.4803	4.6260	1.7323	0.1378	1.9370	2.6890	0.7087	1/2-20UNF	133	105		9.10
20		100	190	117.5	44	3.5	49.2	68.3	18.0	M16X1.5				

◆ **Table 1: Inner ring tolerances for insert bearings with cylindrical bore**

Unit:0.001mm (0.0001 in)

Nominal Bore Diameter d				Cylindrical Bore					Radial Run-out (max.)
Over		Including		Bore Diameter			Width		
mm	in.	mm	in.	d _{mp}		V _{dp}	B _i		
				High	Low	Max	High	Low	
10	0.0394	18	0.7087	+15 (+6)	0	+10 (+4)	0	-120 (-47)	10 (4)
18	0.7087	31.75	1.2500	+18 (+7)	0	+12 (+5)	0	-120 (-47)	13 (5)
31.75	1.2500	50.8	2.0000	+21 (+8)	0	+14 (+5.5)	0	-120 (-47)	15 (6)
50.8	2.0000	80	3.1496	+24 (+9)	0	+16 (+6)	0	-150 (-59)	20 (8)
80	3.1496	120	4.7244	+28 (+11)	0	+19 (+7.5)	0	-200 (-79)	25 (10)

d_{mp} = Single plane mean bore diameter deviation

V_{dp} = Bore diameter variation in

◆ **Table 2: Inner Ring Tolerances for stainless steel insert bearings**

Unit:0.001mm (0.0001 in)

Nominal Bore Diameter d				Bore Diameter				Width	
Over		Including		d _m		d		B _i	
mm	in.	mm	in.	High	Low	High	Low	High	Low
10	0.3937	18	0.7087	+18	0	+10	-4 (-1.6)	0	-120 (-47)
18	0.7087	30	1.1811	+21	0	+12	-4 (-1.6)	0	-120 (-47)
30	1.1811	50	1.9685	+25	0	+14	-5 (-2.0)	0	-120 (-47)
50	1.9685	80	3.1496	+30	0	+16	-6 (-2.4)	0	-150 (-59)

d_m is defined as the arithmetical mean of the largest and the smallest diameter obtained by two point measurements

◆ Table 3: Outer ring tolerances for insert bearings with cylindrical bore

Unit:0.001mm (0.0001 in)

Nominal Outer Diameter D				Deviations		Radial Run-out (max.)
Over		Including		D _{mp}		
mm	in.	mm	in.	High	Low	
30	1.1811	50	1.9685	0	-11 (-4)	20 (8)
50	1.9685	80	3.1496	0	-13 (-5)	25 (10)
80	3.1496	120	4.7244	0	-15 (-6)	35 (14)
120	4.7244	150	5.9055	0	-18 (-7)	40 (16)
150	5.9055	180	7.0866	0	-25 (-10)	45 (18)
180	7.0866	250	9.8425	0	-30 (-12)	50 (20)
250	9.8425	315	12.4016	0	-35 (-14)	60 (24)

D_{mp} = Single plane mean outer diameter deviation

◆ Table 4: Outer ring tolerances for stainless steel insert bearings

Unit:0.001mm (0.0001 in)

Nominal Outer Diameter D				Deviations		Radial Run-out (max.)
Over		Including		D _m		
mm	in.	mm	in.	High	Low	
30	1.1811	50	1.9685	0	+18 (+7)	20 (8)
50	1.9685	80	3.1496	0	+21 (+8)	25 (10)
80	3.1496	120	4.7244	0	+25 (+10)	35 (14)
120	4.7244	150	5.9055	0	+30 (+12)	40 (16)

D_m is defined as the arithmetical mean of the largest and the smallest diameter obtained by two point measurements



◆ Internal Radial Clearance

The radial clearance between the balls and the ball raceways in insert ball bearings allows interference fits on the bearing rings without preloading the bearings. In addition, the internal clearance is designed to allow for slight thermal expansion of the shafting in the inner ring and slight misalignment of the inner and outer rings. Choosing a proper internal clearance is important for bearing operating at high speed, or under high temperature, or under heavy loads.

Radial clearance is defined as the average diameter of the outer ring raceway, minus the average diameter of the inner ring raceway, minus twice the ball diameter. The result is the amount of radial clearance. Below table shows the most common internal radial clearance classifications.

◆ **Table 5: Radial Clearance Table**

Nominal Bore Diameter d				Radial Internal Clearance (mm)									
Over		Including		C2		Standard/C0		C3		C4		C5	
mm	in	mm	in	min.	max.	min.	max.	min.	max.	min.	max.	min.	max.
10	0.3937	18	0.7087	0	9	3	18	11	25	18	33	25	45
18	0.7087	24	0.9449	0	10	5	20	13	28	20	36	28	48
24	0.9449	30	1.1811	1	11	5	20	13	28	23	41	30	53
30	1.1811	40	1.5748	1	11	6	20	15	33	28	46	40	64
40	1.5748	50	1.9685	1	11	6	23	18	36	30	51	45	73
50	1.9685	65	2.5591	1	15	8	28	23	43	38	61	55	90
65	2.5591	80	3.1496	1	15	10	30	25	51	46	71	65	105
80	3.1496	100	3.9370	1	18	12	36	30	58	53	84	75	120
100	3.9370	120	4.7244	2	20	15	41	36	66	61	97	90	140
120	4.7244	140	5.5118	2	23	18	48	41	81	71	114	105	160

◆ Table 6: Tolerances for spherical inner diameter of housings

Nominal Spherical Inner Diameter Da		H7		J7		K7	
		Dam		Dam		Dam	
Over	Include	High	Low	High	Low	High	Low
30	50	+25	0	+14	-11	+7	-18
50	80	+30	0	+18	-12	+9	-21
80	120	+35	0	+22	-13	+10	-25
120	180	+40	0	+26	-14	+12	-28
180	250	+46	0	+30	-16	+13	-33
250	315	+52	0	+36	-16	+16	-36

Notes:

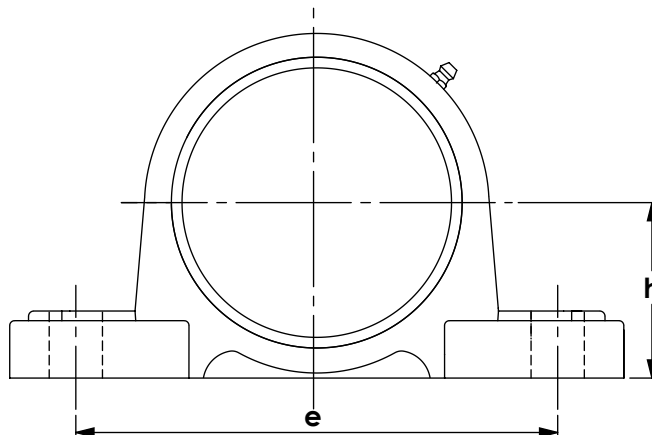
1. $Dam = (Damax + Damin)/2$;
Damax—Maximum measurement value of Da
Damin—Minimum measurement value of Da
2. H7: Clearance fit; K7: Interference fit; J7: Intermediate fit;
3. When H7 fit is applied, the insert bearings are installed with anti-rotation pin

◆ Table 7: Tolerances for pillow block housing center height

Housing No.	Deviation	
	h	e
P204-210; PA204-210; PH204-210; PE204-210; UCTB204-210; AK204-210; PX05-09; P305-310; LP201-207	± 150	± 700
P211-218; PA211-213; PH211-216; PE210-215; AK210-215; PX10-20; P311-320; LP208-213	± 200	± 1000

Notes:

1. h - Height of mounting surface to shaft centerline
2. e - Bolt hole centerline dimension



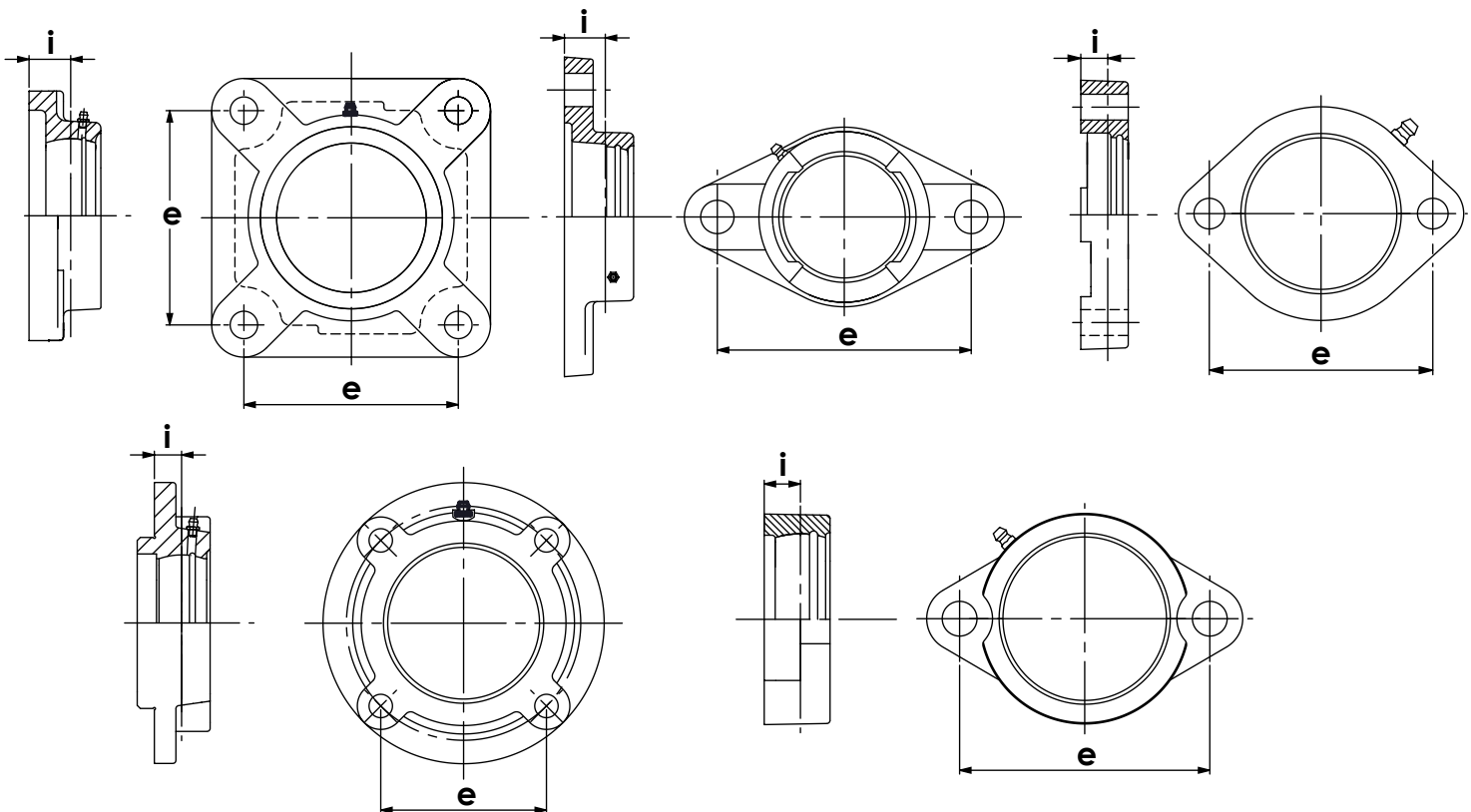
◆ Table 8: Tolerances for flange type housings

(μm)

Housing No.				Deviation		Radial runout of spigot joint (Max.)	Deviations f							
F, FL, FS, FC, FT	F, FL, FS	F, FL, FC	LF, FD	e	i		FC200		FS300		FCX00			
204			204											
205	305	X05	205				0	-46	0	-46				
206	306	X06	206											
207	307	X07	207	± 700	± 500	200			0	-45				
208	308	X08							0	-54			0	-54
209	309	X09												
210	310	X10												
211	311	X11							0	-63				
212	312	X12												
213	313	X13												
214	314	X14				300						0	-63	
215	315	X15		± 1000	± 800			0	-63					
216	316	X16									0	-72		
217	317	X17												
218	318	X18							0	-72			0	-72
	319	X19				400								
	320	X20								0	-81			

Notes:

1. e - Bolt hole centerline dimension
2. i - Bearing centerline distance from mounting surface
3. f - Outer diameter of spigot joint

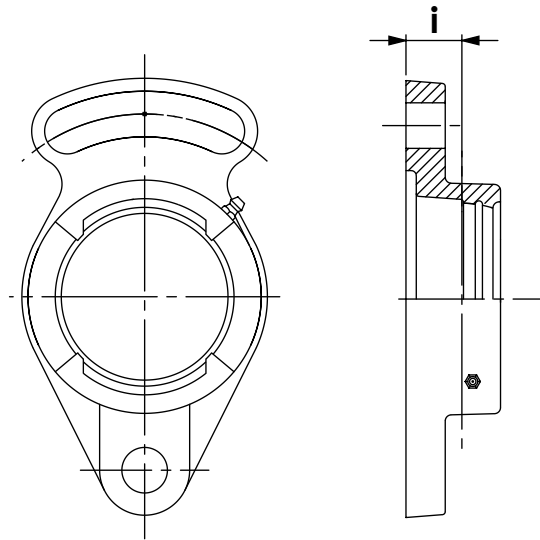


◆ Table 9: Tolerances for flange type housings — FB and FA Type

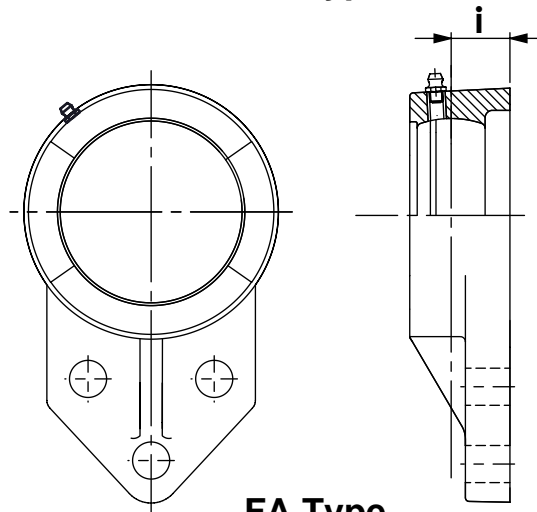
Housing No.		Deviation i
FB204	FA204	±500
FB205	FA205	
FB206	FA206	
FB207	FA207	
FB208	FA208	
FB209	FA209	
FB210	FA210	
FB211	FA211	±800
FB212	FA212	
FB213	FA213	

Notes:

1. i - Bearing centerline distance from mounting surface



FB Type



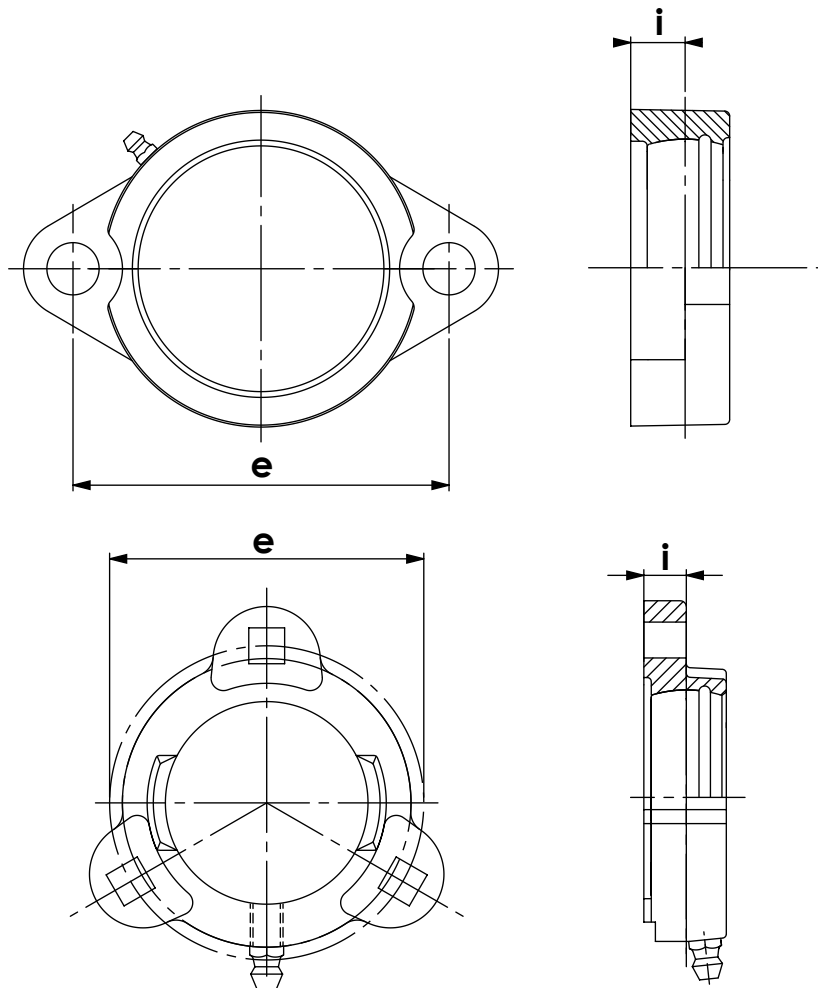
FA Type

◆ Table 10: Tolerances for flange type housings — FTD, FCT Type

Housing No.		Deviation	
		e	i
FTD203	FCT203	±700	±500
FTD204	FCT204		
FTD205	FCT205		
FTD206	FCT206		
FTD207	FCT207	±800	±500

Notes:

1. i - Bearing centerline distance from mounting surface
2. e - The Bolt holes center distance



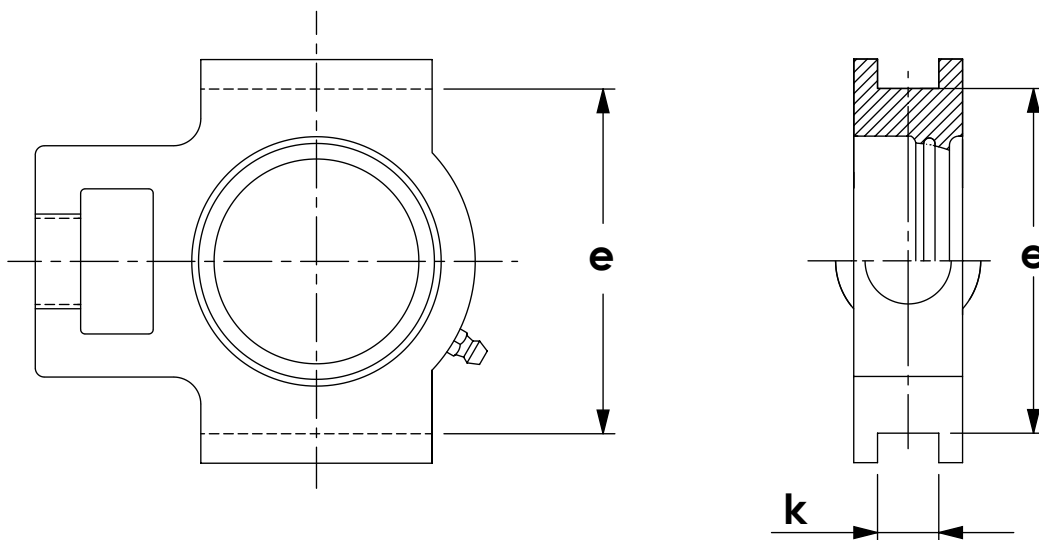
◆ Table 11: Tolerances for flange type housings — Take up units

(μm)

Housing No.		Deviations k		Deviations e		Parallelism of sliding slot (Max.)
		High	Low	High	Low	
T204						
T205	TX05					
T206	TX06					
T207	TX07	+200	0	0	-500	500
T208	TX08					
T209	TX09					
T210	TX10					
T211	TX11					
T212	TX12					
T213	TX13					
T214	TX14	+300	0	0	-800	600
T215	TX15					
T216	TX16					
T217	TX17					
T218						

Notes:

1. k - The distance between guide rail grooves
2. e - The Bolt holes center distance

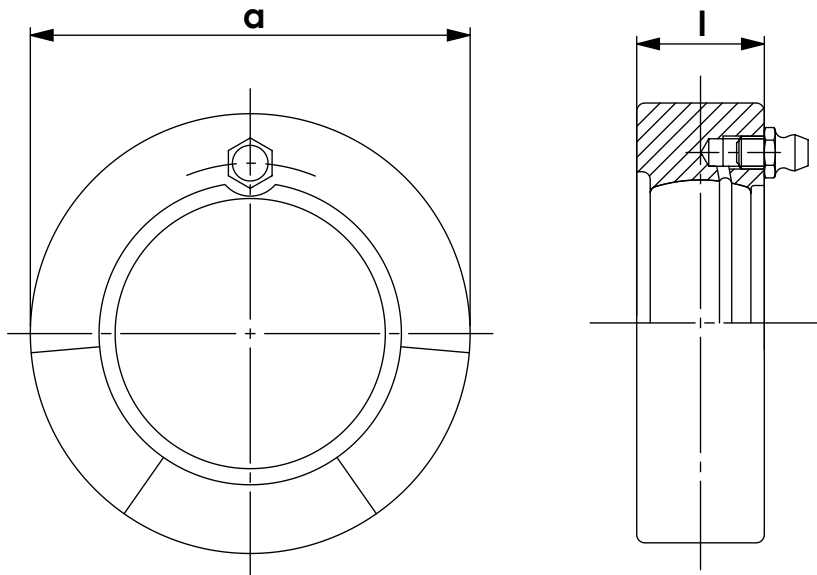


◆ Table 12: Tolerances for flange type housings — Cartridge type housings

Housing No.	Deviations a		Radial Runout of Outside Diameter Max.	Deviations l
	C200			
	High	Low		
C204	0	-30	200	±200
C205				
C206	0	-35		
C207				
C208				
C209	0	-40	300	±300
C210				
C211				
C212				
C213				

Notes:

1. a - Outside diameter of cartridge housing.
2. l - Width of cartridge housing

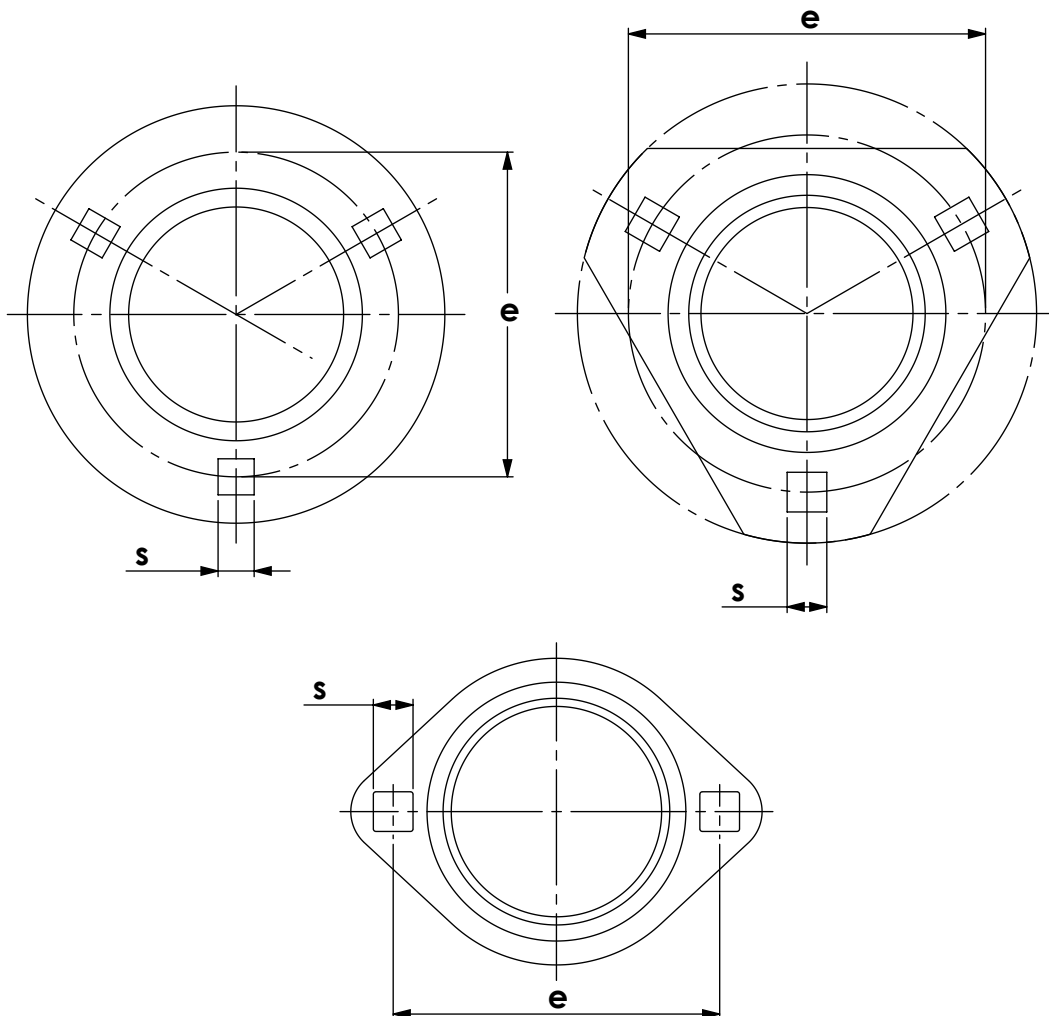


◆ Table 13: Tolerances for flange type housings — Pressed housing units

Housing No.			Deviation	
			e	s
PFL203	PFT203	PF203	±400	±250
PFL204	PFT204	PF204		
PFL205	PFT205	PF205		
PFL206	PFT206	PF206		
PFL207	PFT207	PF207		

Notes:

1. e - Bolt hole centerline distance
2. s - Bolt hole diameter





High Grade Cast Iron Housings

Drilled & Tapped Zerk Fitting Holes
Metric or Inch Zerk Fitting Available.

Grade 10 Balls

Precision Ground & Super Finished Raceway

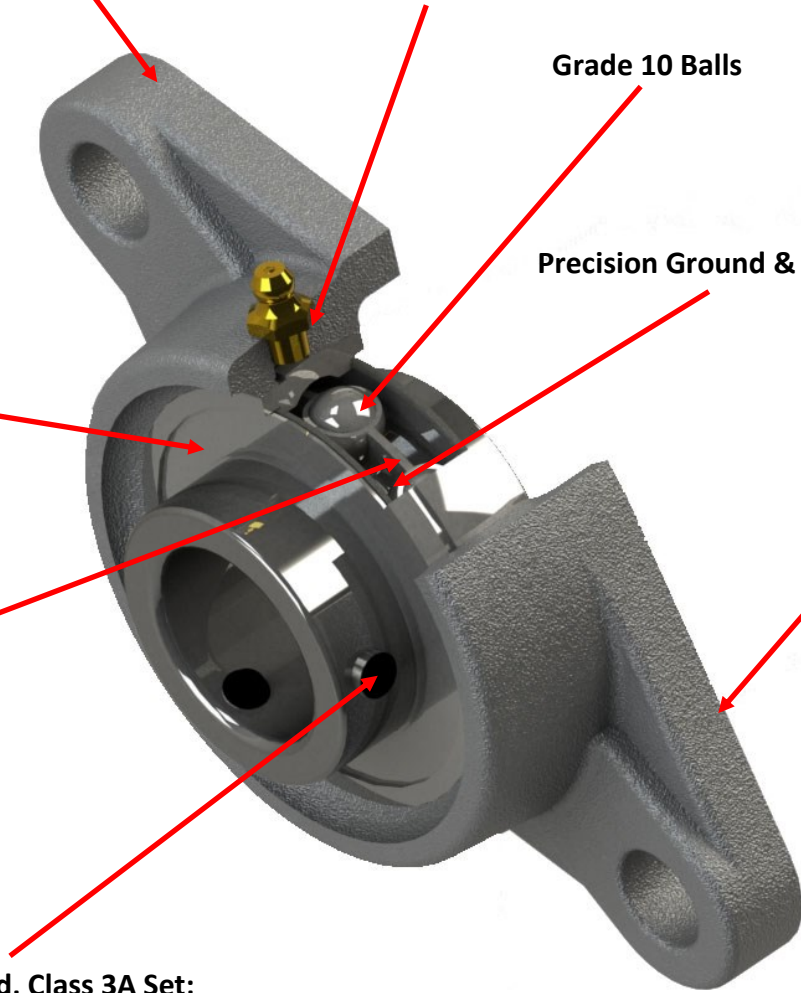
Steel Slinger Over
RST Tight Riding,
Full Cover, Metal
Shroud Seal.
Triple Lip Seals
Available.

Riveted, Steel
Retainer.

Machined Solid Base
Housing Design

Nylon Patched, Class 3A Set;

Allen Wrench Provided in Each Individual Bag



Typical Features

◆ Bearing Material

GCr15, 52100 Equivalent Bearing Grade Steel

The performance and reliability of rolling bearings are affected by the material which the bearing components are made of. WJB bearing rings and balls are made of high quality bearing steel. See table below for interchangeable material from different standard.

Table 14: Insert Bearing Material Properties

Standard	Material No.	Chemical Composition (%)						
		C	Si	Mn	Cr	Mo	P	S
GB/T	GCr15	0.95~1.05	0.15~0.35	0.25~0.45	1.40~1.65	≤0.08	≤0.025	≤0.025
DIN	100Cr6	0.95~1.05	0.15~0.35	0.25~0.45	1.40~1.65		≤0.030	≤0.025
ASTM	52100	0.98~1.10	0.15~0.35	0.25~0.45	1.30~1.60	≤0.10	≤0.025	≤0.025
JIS	SUJ2	0.95~1.10	0.15~0.35	≤0.50	1.30~1.60		≤0.025	≤0.025

AISI 440C Equivalent Stainless Steel

WJB stainless steel bearings are designed to meet the demanding requirement of the FDA and USDA, especially for food industries where wash-down and corrosion resistance are necessary. WJB full stainless steel bearings provide contamination and corrosion protection for a longer life.

- ⇒ Rings: AISI440C or equivalent; 9Cr18Mo or 9Cr18
- ⇒ Balls: AISI440C or equivalent; 9Cr18Mo or 9Cr18
- ⇒ Retainer: AISI304 or equivalent; 1Cr18Ni9
- ⇒ Slings: AISI304 or equivalent; 1Cr18Ni9
- ⇒ Set Screws: AISI304 or equivalent; 1Cr18Ni9
- ⇒ Seals: Nitrile (NBR), Silicone (Si) or Fluoroelastomer (Viton)
- ⇒ Grease : FDA Approved Food Grade Grease

◆ Seals used on standard GCr15 bearings.

WJB provides multiple seal designs to meet our customers' different application demands.

- a). The most common seal design is WJB "SR" type. It contains a shroud contact seal with rubber lip and a metal shield assuring positive contamination protection. The curved Buna-N rubber lip seals securely contact with inner ring, along with the metal shield. It create a labyrinth path to prevent contamination to enter the bearing.
- b). The WJB "RST" seal is made with metal shield outside, and rubber lips inside. It is a fully contact seal with single or double Buna-N rubber lips design. "RST" seal is used in SA and SB series insert bearings where there is not enough space for slingers.
- c). The WJB "R2" double lip seals and "R3" triple lip seals are full cover shroud style with multiple wiping lips which can provide the maximum protection against contaminants and moisture.
- d). WJB also provides "Z" shield which is a non-contact shield for high speed application. Available with slinger on wide inserts.

◆ Seals used on stainless steel bearings.

WJB stainless steel bearings incorporate with different material seals in compliance with FDA guidelines. The most 3 common seals used in stainless steel bearings are NBR, Silicone and Fluoroelastomer also known as Viton seal.

Table 15: Stainless Steel Bearing Seal Material

Base Polymer	Material Code	Temperature Range	Oil Resistance	Acid Resistance	Alkali Resistance	Water Resistance	Heat Resistance	Cold Resistance	Wear Resistance	Ozone Resistance
NITRILE	NBR	-35 to 120 °C	E	G	G	G	G	G	E	G
SILICONE	Si	-60 to 200 °C	G	F	X	G	E	E	G	E
FLUOROELASTOMER	Viton	-35 to 200 °C	E	E	F	G	E	F	E	E

E=Excellent; G=Good; F=Fair; X=Not Recommended

Typical Features

◆ Housing Material

- a). Cast Iron. One piece cast iron housings provide solid construction and maximum wear resistance. Mounting surfaces and bearing seat are machined to insure proper mounting heights and bearings to housing alignment values.
- b). Ductile Iron. Same manufacturing standard as cast iron housings, but with higher tensile strength and high formability.
- c). Nickel Plating. For applications where higher corrosion resistance is needed, cast iron and ductile iron housings are available with high phosphorous electroless nickel plating, WJB suffix for nickel plating housings are “ NP” .
- d). Stamped Steel Housing, WJB stamping housings are available with various surface coating to perform a better corrosion resistance such as zinc plated, yellow dichromate or black electroless.
- e). Thermoplastic housings. WJB thermoplastic housings are commonly used by the food & beverage, chemical and pharmaceutical industries. WJB thermoplastic housings have solid bases made by FDA approved material, along with stainless steel bolt inserts and grease fittings. When assembled with WJB stainless steel or black oxide insert bearings, they can provide extremely resistance to corrosion.
- d). Stainless Steel. WJB stainless steel housings are made of AISI304 or equivalent stainless steel and incorporate series 300 stainless steel

◆ Self Alignment

The outer rings of WJB insert bearings are spherically ground to correspond with a matching spherical bearing seat on WJB housings. This spherical combination provides self-alignment features which compensate for alignment errors, uneven mounting surfaces and shaft flexing. Misalignment of up to 5 degrees for non-relube units and 1.5 degrees for relube units is possible.

◆ Anti-Rotation Pin

The use of an anti-rotation pin can prevent the insert bearing from moving around inside the housing. WJB anti-rotation is a standard feature for insert bearings with spherical OD. For flush back inner ring bearings, it is an optional choice. This feature does not interfere with the self-aligning capability of the assembly.

◆ Interchangeability of bearings in housings.

WJB mounted units are interchangeable with most major brand parts in the market. This allows our customers easy replace the bearings or the housings in the field.

◆ Serviceability of assemblies

WJB bearings are pre-lubricated with selected grease at our plant. Bearings and housings are available with relubricable and non-relubricable versions. Special grease and fill amount are available upon request. Relube fittings are available in both metric and inch sizes with various styles.

◆ Handling of WJB Mounted Units and Insert Bearings.

WJB mounted units and insert bearings are packed and sealed individually in a plastic bag inside a paper box to prevent contamination of grease and damage during transportation. To ensure bearings and assemblies are well protected during storage, a dry and cool storage area is required.

◆ Lubrication and Operation Temperature

WJB insert bearings are pre-greased with qualified brand of grease. Contact WJB Engineering Department to choose a best match for your application.

For standard steel bearing inserts, WJB provides high quality multi-purpose lithium complex grease for all working temperature and applications.

- ⇒ Mobile Polyrex EM
- ⇒ Chevron SRI Grease 2
- ⇒ Shell Gadus S2 V100 2
- ⇒ Kyodo Yushi Multemp SRL

For stainless steel bearing insert, WJB provides high performance multi-purpose food grade grease.

- ⇒ Mobile FM222

◆ Operation Temperature

WJB recommend the bearings should work below 120 degrees Celsius. (The outer ring temperature should be maintained below 100 degrees Celsius.)

At elevated temperatures, grease life is limited by oxidation and oil loss from evaporation and creep. The lowest operation temperature should be lower than -20 degrees Celsius. For higher or lower temperature applications, please consult with WJB Engineering Department.

◆ Greasing Interval

Understanding proper bearing lubrication procedures is critical to ensuring long-term, trouble-free performance. For normal operation condition, the end of grease life in a rolling bearing also means the bearing has reached its maximum life cycle. However in an extreme operation condition, the bearing needs to be relubricated periodically to assure a longer life.

The greasing interval is depending on the bearing running speed, operation temperature, and ambient conditions. The following table shows the standard relubrication period.

Table 16: Greasing Interval Time

d·n Value	Cleanliness	Temperature		Greasing Interval
		° C	° F	
≤40,000	Clean	-15 to 65	5 to 150	6~12 month
		65 to 100	150 to 210	2~6 month
>40,000 ≤70,000	Clean	-15 to 65	5 to 150	2~6 month
		65 to 100	150 to 210	1 month
Any d·n Value	Dirty	Up to 65	Up to 150	1 week to 1 month
		Over 65	Over 150	1 day to 2 weeks
Any d·n Value	Very Dirty	Any temp.	Any temp.	1 day to 1 week
Any d·n Value	Exposed to water	Any temp.	Any temp.	Every day

◆ Grease Fitting Selection

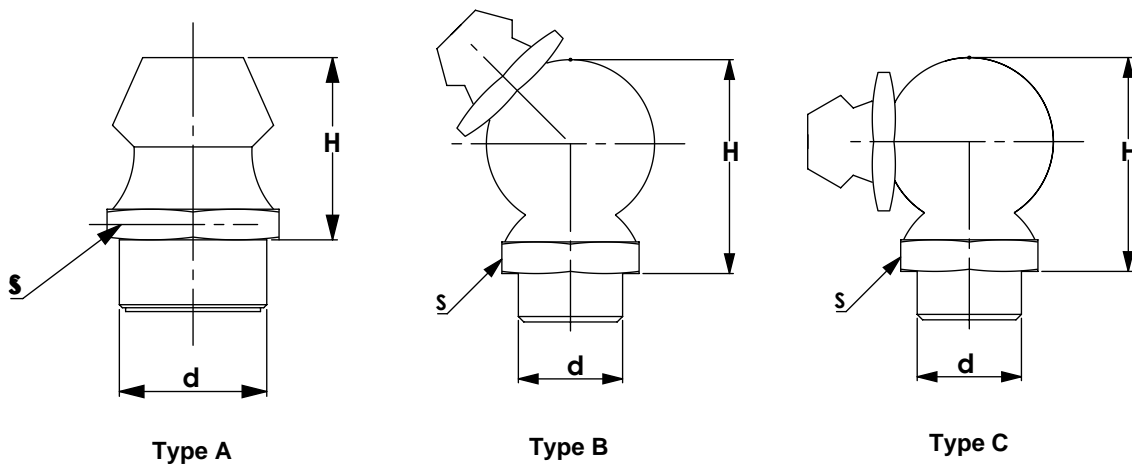
The grease fitting applied by WJB Bearing are classified as 3 types, type A, type B and type C which are made of brass or steel. The common sizes of grease nipple is M6X1, M8X1, M10X1, 1/4-28UNF, 1/8-27NPT, G1/4-19 and G 1/8.

Table 17: Grease Fitting Size Selection

Housing No.	Grease Fitting Type and Dimension
201-209 305~307 X05~X08	A type, M6 X 1
210~215 308~312 X09~X14	A type, M8 X 1
216~218 313~328 X15~X20	A type, M10 X 1

Table 18: Grease Fitting Type and Dimensions

Grease Fitting Type	d	H (mm)	S (mm)
A Type	M6X1	8.5	7
	M8X1	10.5	10
	M10X1	10.5	11
	1/4-28 UNF	8.5	7
	1/8-27 NPT	9.5	11
	G1/4-19	14	14
B Type	M6X1	15	10
	M8X1	15	10
	1/4-28 UNF	15	10
	1/8-27 NPT	15	10
C Type	M6X1	15	10
	M8X1	15	10
	1/4-28 UNF	15	10
	1/8-27 NPT	14.5	10



Shaft Selection

◆ Shaft Selection

WJB insert bearings are installed with two hexagonal set screws 120° apart on the extended side of the inner ring, or on the collar for HC and SA type inserts. Under normal operation conditions, the inner ring is mounted on shaft with a loose fit. The shaft tolerances under a loose fit condition is shown as below:

Table 19: Shaft Fit Tolerances with Loose fit

(μm)

Shaft Diameter (mm)		Deviation of the Shaft Tolerance							
		For Lower Speed		For Medium Speed		For High Speed		For Super High Speed	
		h9		h8		h7		j6	
Over	Include	max	min	max	min	max	min	max	min
10	18	0	-43	0	-27	0	-18	8	-3
18	30	0	-52	0	-33	0	-21	9	-4
30	50	0	-62	0	-39	0	-25	11	-5
50	80	0	-74	0	-46	0	-30	12	-7
80	120	0	-87	0	-54	0	-35	13	-9
120	180	0	-100	0	-63	0	-40	14	-11

When the bearing is used at a high speed or under a heavy load condition, the inner ring of the bearing should be mounted to the shaft with a tight fit. The shaft tolerance under a tight fit condition is shown as below:

Table 20: Shaft Fit Tolerances under Tight Fit

(μm)

Shaft Diameter (mm)		Deviation of the Shaft Tolerance							
		High Speed		Heavy Load		Super High Speed		Extreme Heavy Load	
		m6		m7		n6		n7	
Over	Include	max	min	max	min	max	min	max	min
10	18	18	7	25	7	23	12	30	12
18	30	21	8	29	8	28	15	36	15
30	50	25	9	34	9	33	17	42	17
50	80	30	11	41	11	39	20	50	20
80	120	35	13	48	13	45	23	58	23
120	180	40	15	55	15	52	27	67	27

In certain conditions, bearings are installed onto the shaft with adapter sleeves. In this case, the bearing is made with a tapered bore with 1:12 ratio. It is mostly used for a long shaft, the bearing is served as an intermediate support. The shaft tolerances under this fitting condition is shown as below:

Table 20.1: Shaft Fit Tolerances with Adapter Sleeve

(μm)

Shaft Diameter (mm)		Deviation of the Shaft Tolerance			
		Short Shaft		Long Shaft	
		h9		h10	
Over	Include	max	min	max	min
10	18	0	-43	0	-70
18	30	0	-52	0	-84
30	50	0	-62	0	-100
50	80	0	-74	0	-120
80	120	0	-87	0	-140
120	180	0	-100	0	-160

Mounting on Shaft Torque

For normal operating conditions, insert ball bearings are fixed to the shaft with socket head set screws as illustrated in figures 1 and 2. It is recommended that the shaft have flats or recesses in the areas where the set screws will contact it. This eliminates the formation of burrs on the shafting

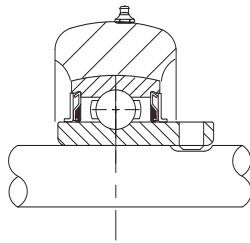


Figure 1

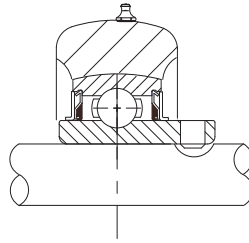


Figure 2

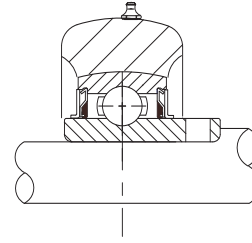


Figure 3

Where vibration, shock and or thrust loads are anticipated, it is recommended that the shaft have a machined shoulder or auxiliary locking collar against which the bearing inner ring can be mounted. See figure 3. Set screws on cylindrical bore bearings should be tightened incrementally and firmly to prevent rotation of the shaft in the bearing bore. Tighten one set screw to sufficiently contact the shaft, then tighten the second set screw to the full torque requirement, and then tighten the first set screw to the full torque requirement. It is also recommended the set screws be re-tightened after 24 hours of operation. Tightening torque values are shown in table 21 and 22. Caution should be taken to not over tighten the set screws as this can cause inner ring distortion instigating an eccentric rotation and out of balance situation.

WJB also uses a 120 degree set screw spacing to increase holding power of the set screws during operation

◆ **Table 21: Tightening torque of set screws in set screw locking insert bearings**

Bearing Series		Set Screw Size	Tightening Torque (in-lbs)
UC/SER	UCX		
201-206	X05	M6 X1.0	77.9
207-209	X06-X08	M8 X1.0	156
210-213	X09-X12	M10 X1.0 M10X1.25 (SER)	273
214-218	X13-X17	M12 X1.25	428
	X18	M14 X1.5	642
	X20	M16 X1.5	963

◆ **22: Tightening torque of set screws in stainless steel eccentric locking collar bearings**

Bearing Series	Set Screw Size	Tightening Torque (in-lbs)
All sizes		
201-206	M6 X1.0	54
207-209	M8 X1.0	110
210-213	M10 X1.0 M10X1.25 (SER)	205
214-218	M12 X1.25	428

Eccentric locking collar bearings are locked to the shaft by aligning the eccentric area of the collar against the corresponding eccentric area of the inner ring and rotating the collar in the direction of shaft rotation. Using a punch in the blind hole on the collar, tap the punch in the direction of shaft rotation. The eccentric locking collar will continually tighten during shaft rotation. Tightening the set screw in the locking collar to the shaft using the torque values shown in table 23 and 24 will provide limited holding power and is not to be relied upon solely for securing the shaft.

◆ **23. Tightening torque of set screws in eccentric locking collar insert bearings**

Bearing Series		Set Screw Size	Tightening Torque (in-lbs)
SA/SB	HC		
201-205	201-205	M6 X0.75	77.9
206-211	206-210	M8 X1.0	156
212		M10 X1.25	273
	211-215	M10 X1.0	273

◆ **24 Tightening torque of set screws in stainless steel eccentric locking collar bearings**

Bearing Series		Set Screw Size	Tightening Torque (in-lbs)
SSA/SSB	SHC		
201-205	201-205	M6 X0.75	54
206-211	206-210	M8 X1.0	110
212		M10 X1.25	205
	211-215	M10 X1.0	198

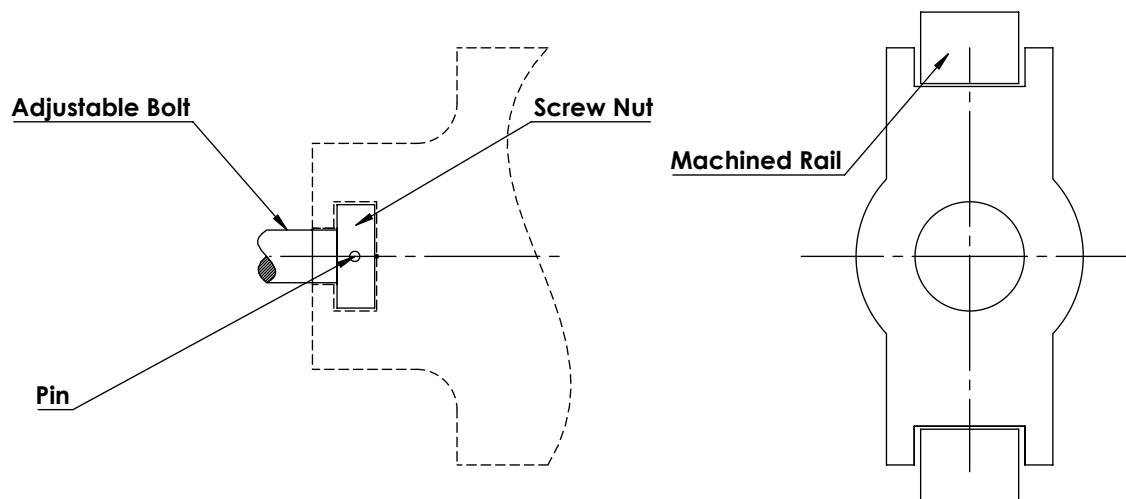
◆ Methods of Mounting Pillow Block Units and Flange Units

Pillow block bearings can last years without needing to be replaced if installed properly. Follow the below steps to ensure minimal downtime and a longer service life. If you are uncertain about how to install it, please consult with a WJB Engineering.

1. Check and clean the shaft and mounting surface, make sure the shaft is clean, round, straight, free of burrs and sharp edges, make sure the mounting surface is flat, free of any contaminations.
2. Placing the bearing on the shaft, lightly tap the bearing into place with a hardwood block or a soft steel tube against the inner ring. Do not strike on the housing or the bearing with a steel hammer.
3. Lightly bolting the housing to the mounting surface, then adjust the shaft in position. The housing mounting bolts need to be installed with heavy duty washers to prevent it from loosening.
4. Aligning the housing into final mounting position by hands or a rubber mallet. Once the housing is properly aligned, securely fasten the bolts to the mounting surface with a torque wrench.
5. Hand rotate the shaft to make sure it can move axially, and free of rotation. If this can not be done, loosen the housings and repeat procedure 3 and 4.
6. Tighten both the set screws on the inner ring or on the collar with a torque wrench based on the set screw tightening torque data provided by WJB. If tighten by hand, tighten the set screws until a permanent twist shows on the shaft.

◆ Methods of Mounting Take-Up Units

Take-up units are designed to be mounted between two parallel machine rails. The machine rails must be clean, free of burrs and sharp edges. The position of the take-up units can be adjusted by an adjustable bolt.



Limiting Speed

◆ Limiting Speeds:

Bearings must operate below its limiting speeds. Below table shows the maximum allowable RPM under either set screw or eccentric locking collar, with slip fit shafts, and a 40%-60% lubrication fill. The speed limits are greatly influenced by the bearing seal design, grease fill amount etc. The more seal contact and lubrication fill, the lower the limiting speed will be. All limiting speeds below are based on horizontally mounted shafts and radial loads.

Table 25: Limiting Speed for Insert Bearings

Bearing Size	Shaft Size	"Z" Shield	"SR" Shield	"RST" Seal	"R2" Seal	"R3" Seal
201-203	All sizes	7300	6500	6500	1463	650
204	All sizes	7300	6500	6500	1463	650
205	All sizes	6500	5850	5850	1316	585
206 (X05)	All sizes	5500	5000	5000	1125	500
207 (X06)	All sizes	4700	4300	4300	968	430
208 (X07)	All sizes	4200	3750	3750	844	375
209 (X08)	All sizes	3800	3400	3400	765	340
210 (X09)	All sizes	3600	3300	3300	743	330
211 (X10)	All sizes	3300	3000	3000	675	300
212 (X11)	All sizes	3000	2700	2700	608	270
213 (X12)	All sizes	2600	2350	2350	529	235
214 (X13)	All sizes	2500	2250	2250	506	225
215 (X14)	All sizes	2300	2100	2100	473	210

◆ Load Capacity and Life

The load capacity and the rating life are important factors when WJB selects a bearing for our customers' particular application. WJB has provided basic load ratings for every insert bearing to be used in the life calculations. The data can be found in the previous insert bearing catalog pages. "Cr" represents basic dynamic load rating, "Cor" represents basic static load rating.

◆ Basic Dynamic Load Rating

The basic dynamic load rating (Cr) is used in calculations involving dynamically rotating bearings under a radial load. This basic load rating expresses the dynamic load that a bearing will operate under for a life of 1,000,000 revolutions (33 1/3 RPM for 500 hours).

◆ Basic Static Load Rating

When a bearing is rotating at a relatively low speed, have slow oscillating movement or have a shock loads, the basic static load rating must be taken into consideration.

◆ Thrust load rating

WJB insert bearings are not designed to bear thrust load. However, in real applications, we will accept a small amount of thrust or axial loading. However, the thrust load should not be more than 1/3 of the bearing basic dynamic load rating (Cr), In no cases should the thrust load exceeds the basic static load rating (Cor).

◆ Life Rating

The life rating is defined as the number of revolutions which the bearing can rotate before fatigue occurs on the rings or balls.

◆ Life Calculation

The relationship between the basic rating life, the basic dynamic load rating and the applied load is expressed by the below equation.

$$L_{10} = \left(\frac{Cr}{P} \right)^p$$

L_{10} = basic rating life in million of revolutions

Cr = basic dynamic load rating, N

P = equivalent dynamic applied load, N

p = exponent of the life equation, p = 3 for ball bearings; p = 10/3 for roller bearings

For bearings operating under a steady applied load and at a constant speed, we can express the basic rating life in terms of time

$$L_{10h} = \left(\frac{Cr}{P} \right)^p \times \frac{16667}{n}$$

L_{10h} = basic rating life in operating hours (hr)

n = operating speed, RPM

In terms of traveling distance (km), the basic rating life can be expressed in below equation

$$L_{10a} = \pi DL_{10}$$

L_{10a} = basic rating in distance (km)

D = Wheel or tire diameter (mm)

◆ Combination loads.

In real applications, a radial and axial load can occur on a bearing at the same time. A combined load value must be taken into consideration in the life calculations. This equivalent dynamic radial load is defined as the hypothetical load, it is constant in magnitude and direction, acting radially on the insert bearings, which have the same influence on bearing life as the actual loads to which the bearing is to be subjected.

Assuming a constant load, where

$$P_0 = C_1(xF_r + yF_a)$$

C_1 = impact factor shown in table 26

F_r = the radial load

F_a = the axial load

x and y = radial and axial factors shown in table 27

Table 26: Limiting Speed for Insert Bearings

Type of Load	C1
Constant or steady	1.0
Light shocks	1.5
Moderate shocks	2.0
Heavy shocks	3.0+

Table 27: Radial and axial factors x and y for determining equivalent bearing load for ball bearing

Fa/Cor	e	Fa/Fr ≤ e		Fa/Fr ≥ e	
		x	y	x	y
0.014	0.19	1	0	0.56	2.30
0.028	0.22				1.99
0.056	0.26				1.71
0.084	0.28				1.55
0.11	0.3				1.45
0.17	0.34				1.31
0.28	0.38				1.15
0.42	0.42				1.04
0.56	0.44				1.00

Note: F_a should not exceed 1/3 of the basic dynamic load rating (C_r). If F_a exceeds or equal to 1/3 of the basic dynamic load rating, please consult with WJB Engineering. In no instances should F_a exceeds the bearings' static load rating (C_o);

◆ Variable load and speed

Applications with a constant load, the average load can be calculated by the application's maximum and minimum

$$P_m = \frac{(P_{\min} + 2P_{\max})}{3}$$

P_m = equivalent dynamic load in lbs

P_1 = constant load at RPM n_1 for T_1 minutes

P_2 = constant load at RPM n_2 for T_2 minutes

P_3 = constant load at RPM n_3 for T_3 minutes

n = RPM

T = Time

When a bearing is subjected to consecutive runs at different speeds and periods of load, the constant load can be calculated by:

$$P_m = \left(\frac{(P_1^3 \times n_1 \times T_1) + (P_2^3 \times n_2 \times T_2) + \dots + (P_n^3 \times n_n \times T_n)}{(n_1 \times T_1) + (n_2 \times T_2) + \dots + (n_n \times T_n)} \right)^{\frac{1}{3}}$$

Assuming a constant load, where

$$P_0 = C_1(xF_r + yF_a)$$

C_1 = impact factor shown in table 28

F_r = the radial load

F_a = the axial load

x and y = radial and axial factors shown in table 29

Table 28: Limiting Speed for Insert Bearings

Type of Load	C1
Constant or steady	1.0
Light shocks	1.5
Moderate shocks	2.0
Heavy shocks	3.0+

Table 29: Radial and axial factors x and y for determining equivalent bearing load for ball bearing

Fa/Cor	e	Fa/Fr ≤ e		Fa/Fr ≥ e	
		x	y	x	y
0.014	0.19	1	0	0.56	2.30
0.028	0.22				1.99
0.056	0.26				1.71
0.084	0.28				1.55
0.11	0.3				1.45
0.17	0.34				1.31
0.28	0.38				1.15
0.42	0.42				1.04
0.56	0.44				1.00

Note: F_a should not exceed 1/3 of the basic dynamic load rating (C_r). If F_a exceeds or equal to 1/3 of the basic dynamic load rating, please consult with WJB Engineering. In no instances should F_a exceeds the bearings' static load rating (C_o);

◆ Variable load and speed

Applications with a constant load, the average load can be calculated by the application's maximum and minimum

$$P_m = \frac{(P_{\min} + 2P_{\max})}{3}$$

P_m = equivalent dynamic load in lbs

P_1 = constant load at RPM n_1 for T_1 minutes

P_2 = constant load at RPM n_2 for T_2 minutes

P_3 = constant load at RPM n_3 for T_3 minutes

n = RPM

T = Time

When a bearing is subjected to consecutive runs at different speeds and periods of load, the constant load can be calculated by:

$$P_m = \left(\frac{(P_1^3 \times n_1 \times T_1) + (P_2^3 \times n_2 \times T_2) + \dots + (P_n^3 \times n_n \times T_n)}{(n_1 \times T_1) + (n_2 \times T_2) + \dots + (n_n \times T_n)} \right)^{\frac{1}{3}}$$

◆ Life Adjustment Factors

L10 life that we just calculated is based upon a 90% reliability, which it means there is a 10% probability that the bearing will face a early fatigue failure. When application requires a higher reliability, the following life adjustment factors, a1 and a2 must be taken into consideration.

1). Life adjustment factor for reliability

Table 30: Reliability Factor

Reliability %	Ln	Factor a1
90	L10	1
95	L5	0.62
96	L4	0.53
97	L3	0.44
98	L2	0.33
99	L1	0.21

2). Life adjustment factor for bearing materials

Table 31: Bearing Material Factor

Bearing Steel	Factor a2
GCr15 chrome steel	1
AISI440C or 9Cr18	0.8

3). Other life adjustment

The conventional rating life often has to be modified as a consequence of application abnormalities. These abnormalities include but not limited to cleanliness of the operating environment, temperature, rotation speed, angular misalignment, vibration/shock loads, lubrication and shaft size.

WJB Engineering can provide reliable bearing life estimates based on semiempirical data to assist our customers in choosing a long-lasting bearing for their applications.