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UBC BEARINGS AND HOUSINGS



Consideration should be given to the following relevant information when selecting and installing UBC Wide Inner Ring Bearings

1. Load and direction of load
2. Operating speed
3. Operating temperature
4. Required bearing life
5. Atmospheric effects
6. Type of lubrication
7. Ease of mounting
8. Design and space limitations
9. Accuracy of shafts and mounting structures

Load capacity and speed capability are influenced by the resultant fit of the bearing to both the shaft and the housing. Speed ratings in the catalogue are for h7 tolerances. Higher speeds are attainable please contact UBC for information.

UBC Wide Inner Ring Bearings are manufactured from high quality Vacuum Degassed Carbon Chrome or Stainless Bearing steels heat treated to HRC 62-66 for standard steel and HRC55-60 for stainless steel.

UBC Bearing Housings are manufactured from the following high quality materials
Grey Cast Iron,
Spheroidal Graphite Cast Iron,
304C Cast Stainless Steel,
Zinc Plated Pressed Steel,
Injection Moulded Reinforced Thermo Plastic.
Zinc Alloy

UBC Wide Inner Ring bearing units are pre lubricated with a high quality Lithium based grease of NLG2 consistency generally supplying adequate lubrication for the life of the bearing. Relubrication is possible through the grease nipples supplied.

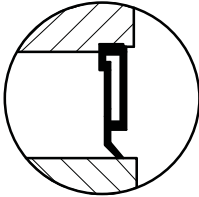
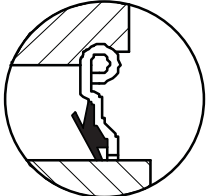
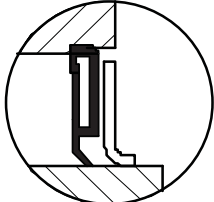
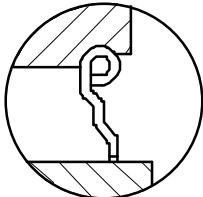
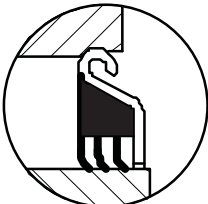
For lubrication schedule recommendations contact UBC.

UBC Wide Inner Ring Housings manufactured from Grey Cast Iron or SG Iron are painted in a durable Oven Baked Powder Coating giving a clean protective finish.

UBC Stainless Steel Housings and Thermoplastic Housings are unpainted.

HOUSING Available Types P, F, FL, C, FA, FB, FC, HA, LF, PA, PH, SB, T, PP, PF, PFT, PFL.	AVAILABLE MATERIALS Grey Cast Iron: AS: 1830Gr.T-200 SG Iron: AS: 1831Gr.500-320 Pressed Mild Steel Cast Stainless Steel: 304C Plastic: Reinforced Thermoplastic P.B.T
BEARING Available Types UC, NA, UK, UR, SA, SB, CSA, CSB, CS, K. Extensive Range of Bore Sizes Available In Inch and Metric	AVAILABLE MATERIALS Rings and Balls: SAE 52100 DIN 100Cr6 BS970: 534A99 535A99 Stainless Rings and Balls: 440C Cage : Mild Steel : 321c Stainless High Tensile Socket Head Grub Screws
GREASE FITTING	Brass, Stainless Steel Straight, 45 deg, 90 deg.
SEALING	Nitrile Rubber Single Lip and Triple Lip Metal Flinger Disc ZZ Shields (go karts)
LUBRICATION	Lithium Grease No2 Consistency -30C to 120C operating range Special Greases Available on Request
DUST COVERS	Pressed Steel Open Type with Nitrile Rubber Seal Closed Type

UBC Wide Inner Ring Bearings are fitted with the following seal types:

	Synthetic Rubber single layer seal giving low friction with efficient grease retention and bearing protection against dust grit and moisture. Fitted to series SA, SB, CSA, CS, K
	Pressed Steel with Internal Synthetic Rubber Seal Lip. Very low friction seal with the seal lip protected by the metal shield. Fitted to series SA, SB, CSA.
	Synthetic Rubber single layer seal protected by a pressed steel Flinger disc attached to the inner ring of the bearing giving excellent protection to the seal by means of a simple rotating labyrinth. Fitted to series UC, UR, UK, NA
	Pressed Steel Shield offers the least bearing protection but has no seal friction. Preferred by Go Kart users. Fitted to series SB.
	Pressed Steel cover with a Synthetic Rubber Triple Lip Seal bonded to the inside. A very high friction seal giving the best protection against dust, dirt, sand, water. Recommended for severe service in agricultural or wash down applications. Fitted to series UC and NA. * please take note of the limiting speed

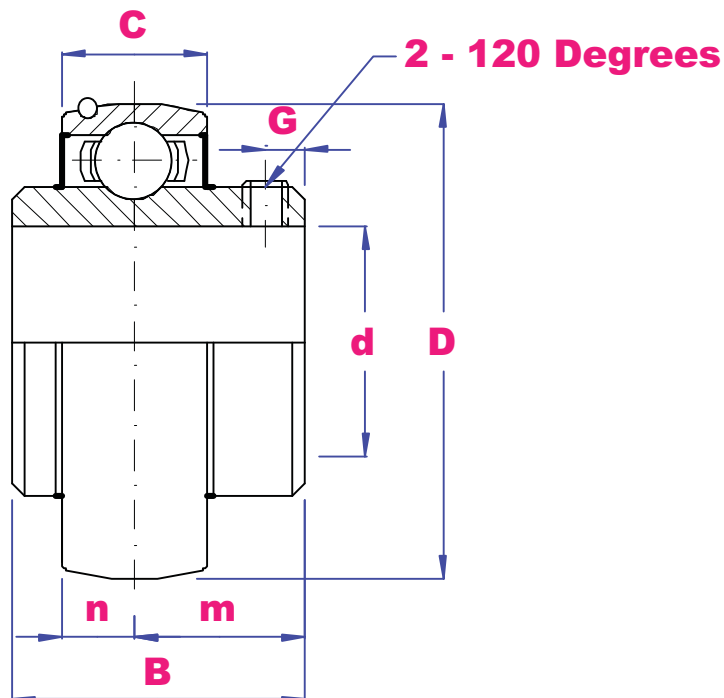
Please use the following table when tightening the set screws:

SCREW SIZE	TORQUE Nm
M5X0.8 - 3/16 UNF	3.1 – 3.9
M6X1 - 1/4 UNF	4.1 – 4.9
M8X1 - 5/16 UNF	8.5 – 9.5
M10X1.25 - 3/8 UNF	16.5 – 17.5
M12X1.5 - 7/16 UNF	26.5 – 27.5
M14X1.5 - 1/2 UNF	31.5 – 33.5
M16X1.5 - 5/8 UNF	51.5 – 53.5
M18X1.5	55.5 – 58.5
M20X1.5	62.5 – 65.5



UBC

UC200 SERIES METRIC BORE BEARING INSERT



PART NO	d mm	D mm	B mm	C mm	n mm	m mm	G mm	Load D-kN	Load S-kN	Max rpm	Wgt kg
UC203-12MM	12	40	27.4	14	11.5	15.9	4.5	7.36	4.79	8000	0.12
UC203-15MM	15	40	27.4	14	11.5	15.9	4.5	7.36	4.79	8000	0.11
UC203	17	40	27.4	14	11.5	15.9	4.5	7.36	4.79	8000	0.10
UC204-12MM	12	47	31	17	12.7	18.3	5	12.81	6.65	6800	0.21
UC204-15MM	15	47	31	17	12.7	18.3	5	12.81	6.65	6800	0.19
UC204-17MM	17	47	31	17	12.7	18.3	5	12.81	6.65	6800	0.19
UC204	20	47	31	17	12.7	18.3	5	12.81	6.65	6800	0.17
UC205	25	52	34.1	17	14.3	19.8	5	14.11	9.93	5700	0.19
UC206	30	62	38.1	19	15.9	22.2	5	19.49	11.31	4900	0.31
UC207	35	72	42.9	20	17.5	25.4	7	25.68	15.3	4100	0.46
UC208	40	80	49.2	21	19	30.2	8	29.12	19.84	3600	0.63
UC209	45	85	49.2	22	19	30.2	10	32.52	20.46	3400	0.68
UC210	50	90	51.6	24	19	32.6	10	35.05	23.18	3100	0.78
UC211	55	100	55.6	25	22.2	33.4	10	43.48	29.22	2800	1.07
UC212	60	110	65.1	27	25.4	39.7	10	52.52	32.93	2500	1.51
UC213	65	120	65.1	29	25.4	39.7	10	57.48	40.15	2400	1.86
UC214	70	125	74.6	30	30.2	44.4	12	62.11	45.03	2200	2.05
UC215	75	130	77.8	30	33.3	44.5	12	66.12	49.3	2100	2.21
UC216	80	140	82.6	33	33.3	49.3	12	72.55	53.31	1950	2.79
UC217	85	150	85.7	35	34.1	51.6	12	83.24	63.89	1800	3.38
UC218	90	160	96	37	39.7	56.3	12	96.52	71.76	1700	4.46

BEARINGS UC204 – UC215 AVAILABLE IN 440C STAINLESS STEEL

UBC INCH BORE UC200 SERIES BEARINGS

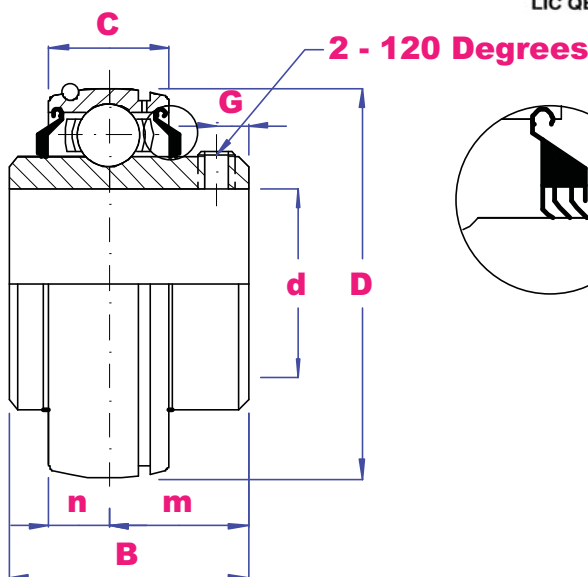
PART NO	d inch	D mm	B mm	C mm	n mm	m mm	G mm	Load D-kN	Load S-kN	Max Rpm	Wgt kg
UC203-8	1/2	40	27.4	14	11.5	15.9	4.5	7.36	4.79	8000	0.12
UC203-9	9/16	40	27.4	14	11.5	15.9	4.5	7.36	4.79	8000	0.11
UC203-10	5/8										0.10
UC203-11	11/16	40	27.4	14	11.5	15.9	4.5	7.36	4.79	8000	0.10
UC204-8	1/2	47	31	17	12.7	18.3	5	12.81	6.65	6800	0.21
UC204-9	9/16	47	31	17	12.7	18.3	5	12.81	6.65	6800	0.19
UC204-10	5/8										
UC204-11	11/16	47	31	17	12.7	18.3	5	12.81	6.65	6800	0.19
UC204-12	3/4	47	31	17	12.7	18.3	5	12.81	6.65	6800	0.18
UC205-14	7/8	52	34.1	17	14.3	19.8	5	14.11	9.93	5700	0.22
UC205-15	15/16										0.20
UC205-16	1.00										0.19
UC206-17	1.1/16	62	38.1	19	15.9	22.2	5	19.49	11.31	4900	0.34
UC206-18	1.1/8										0.34
UC206-19	1.3/16										0.32
UC206-20	1.1/4										0.30
UC207-20	1.1/4	72	42.9	20	17.5	25.4	7	25.68	15.31	4100	0.52
UC207-21	1.5/16										0.48
UC207-22	1.3/8										0.48
UC207-23	1.7/16										0.46
UC208-24	1.1/2	80	49.2	21	19	30.2	8	29.12	17.84	3600	0.68
UC208-25	1.9/16										0.64
UC209-26	1.5/8	85	49.2	22	19	30.2	8	32.52	20.46	3400	0.78
UC209-27	1.11/16										0.74
UC209-28	1.3/4										0.70
UC210-30	1.7/8	90	51.6	24	19	32.6	10	35.05	23.18	3100	0.85
UC210-31	1.15/16										0.80
UC210-32	2.00										0.77
UC211-32	2.00	100	55.6	25	22.2	33.4	10	43.48	29.22	2800	1.22
UC211-34	2.1/8										1.10
UC211-35	2.3/16										1.05
UC212-36	2.1/4	110	65.1	27	25.4	39.7	10	52.52	32.93	2500	1.65
UC212-38	2.3/8										1.42
UC212-39	2.7/16										1.40
UC213-39	2.7/16	120	65.1	29	25.4	39.7	10	57.48	40.22	2400	1.96
UC213-40	2.1/2										1.94
UC214-43	2.11/16	125	74.6	30	30.2	44.4	12	62.11	45.03	2200	2.06
UC214-44	2.3/4										2.04
UC215-47	2.15/16	130	77.8	30	33.3	44.5	12	66.12	49.3	2100	2.30
UC215-48	3.00										2.13
UC217-52	3.1/4	150	85.7	35	34.1	51.6	12	83.24	63.89	1800	3.59
UC218-56	3.1/2	160	96	37	39.7	56.3	12	96.52	71.76	1700	4.56



UBC

UC200R3

TRIPLE LIP SEAL BEARING INSERTS



PART NO	d mm	D mm	B mm	C mm	n mm	m mm	G mm	Load D-kN	Load S-kN	Max Rpm	Wgt kg
UC204R3	20	47	31	17	12.7	18.3	5	12.81	6.65	900	0.18
UC205R3	25	52	34.1	17	14.3	19.8	5	14.11	9.93	800	0.19
UC206R3	30	62	38.1	19	15.9	22.2	5	19.49	11.31	700	0.31
UC207R3	35	72	42.9	20	17.5	25.4	7	25.68	15.31	600	0.46
UC208R3	40	80	49.2	21	19	30.2	8	29.12	17.84	540	0.63
UC209R3	45	85	49.2	22	19	30.2	10	32.52	20.46	480	0.68
UC210R3	50	90	51.6	24	19	32.6	10	35.05	23.18	440	0.78
UC211R3	55	100	55.6	25	22.2	33.4	10	43.48	29.22	400	1.07
UC212R3	60	110	65.1	27	25.4	39.7	10	52.52	36.93	350	1.52
UC213R3	65	120	65.1	29	25.4	39.7	10	57.48	40.22	310	1.87
UC214R3	70	125	74.6	30	30.2	44.4	12	62.11	45.03	280	2.06
UC215R3	75	130	77.8	30	33.3	44.5	12	66.12	49.29	260	2.22

INCH BORES

UC204-12R3	3/4	47	31	17	12.7	18.3	5	12.81	6.65	900	0.18
UC205-16R3	1	52	34.1	17	14.3	19.8	5	14.11	9.93	800	0.19
UC206-18R3	1.1/8	62	38.1	19	15.9	22.2	5	19.49	11.31	700	0.34
UC206-20R3	1.1/4										0.30
UC207-20R3	1.1/4	72	42.9	20	17.5	25.4	7	25.68	15.31	600	0.52
UC207-22R3	1.3/8										0.48
UC208-24R3	1.1/2	80	49.2	21	19	30.2	8	29.12	17.84	540	0.68
UC209-28R3	1.3/4	85	49.2	22	19	30.2	10	32.52	20.46	480	0.71
UC210-30R3	1.7/8	90	51.6	24	19	32.6	10	35.05	23.18	440	0.85
UC211-32R3	2	100	55.6	25	22.2	33.4	10	43.48	29.22	400	1.23
UC212-36R3	2.1/4	110	65.1	27	25.4	39.7	10	52.52	36.93	350	1.66
UC213-40R3	2.1/2	120	65.1	29	25.4	39.7	10	57.48	40.22	310	1.95
UC214-44R3	2.3/4	125	74.6	30	30.2	44.4	12	62.11	45.03	280	2.05
UC215-48R3	3	130	77.8	30	33.3	44.5	12	66.12	49.31	260	2.14

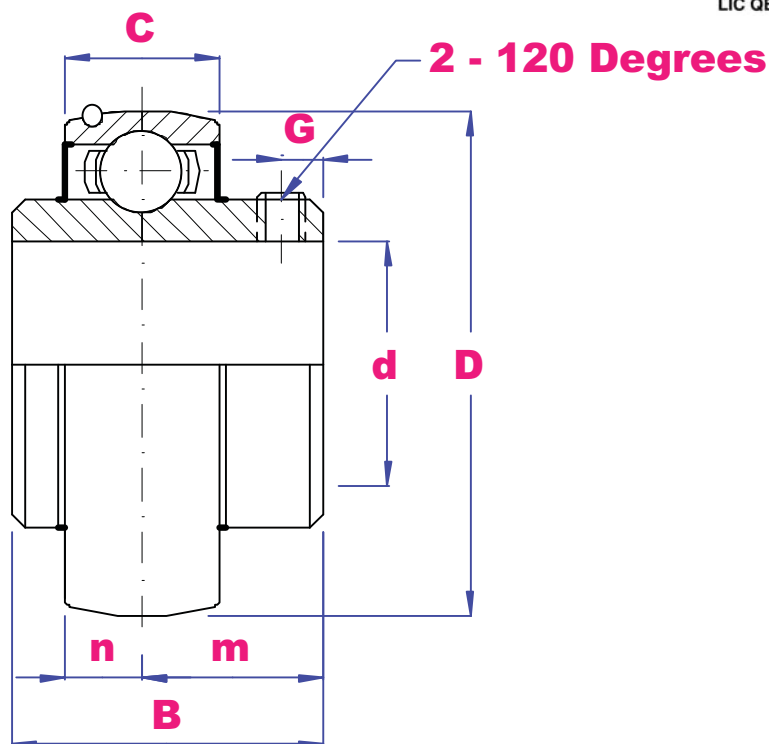


UBC

UCX00 SERIES METRIC BORE BEARING INSERT



Quality
Endorsed
Company
ISO 9001:2000
LIC QEC20818

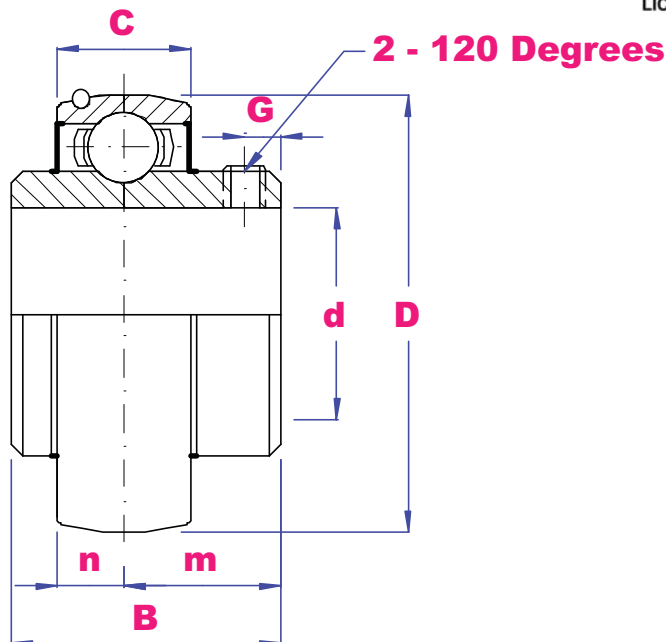


PART NO	d mm	D mm	B mm	C mm	n mm	m mm	G mm	Load D-kN	Load S-kN	Max Rpm	Wgt kg
UCX05	25	62	38.1	19	15.9	22.2	5	19.5	11.31	4900	0.37
UCX06	30	72	42.9	20	17.5	25.4	6	25.7	15.30	4100	0.46
UCX07	35	80	49.2	21	19	30.2	8	29.1	19.84	3600	0.74
UCX08	40	85	49.2	22	19	30.2	8	32.5	20.46	3400	0.80
UCX09	45	90	51.6	23	19	32.6	9	35.1	23.18	3100	0.92
UCX10	50	100	55.6	24	22.2	33.4	9	43.5	29.22	2800	1.21
UCX11	55	110	65.1	26	25.4	39.7	10	52.5	32.93	2500	1.72
UCX12	60	120	65.1	27	25.4	39.7	10	57.5	40.00	2400	1.97
UCX13	65	125	74.6	29	30.2	44.4	12	61.9	45.03	2200	2.33
UCX14	70	130	77.8	30	33.3	44.5	12	66.1	49.30	2100	2.57
UCX15	75	140	82.6	32	33.3	49.3	12	72.5	53.31	1950	3.22
UCX16	80	150	85.7	34	34.1	51.6	12	83.5	63.89	1800	3.81
UCX17	85	160	96	36	39.7	56.3	12	95.9	71.76	1700	4.83
UCX18	90	170	104	38	42.9	61.1	14	109	81.93	1600	5.49
UCX20	100	190	117	42	49.2	68.3	16	133	105.2	1500	9.04



UBC

UCX00 SERIES INCH BORE BEARING INSERT

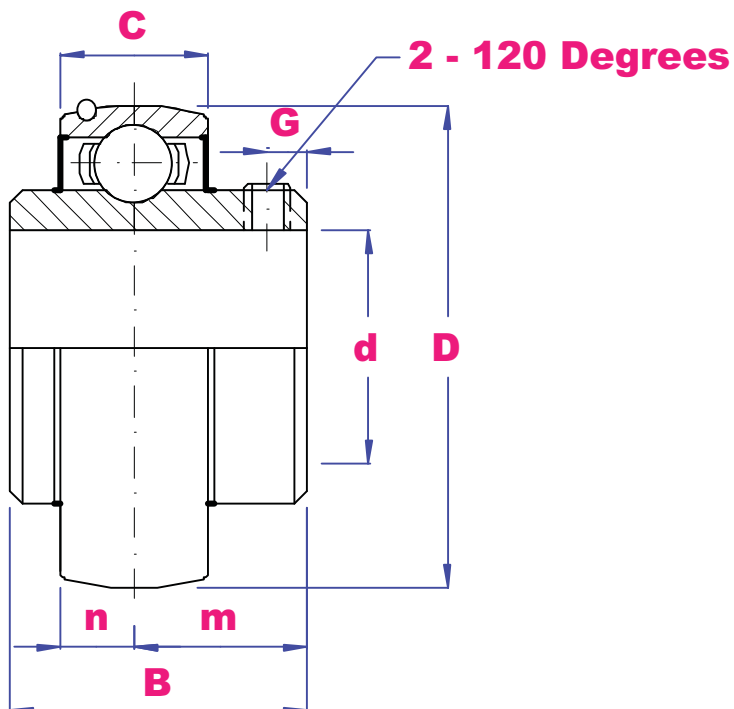


PART NO	d inch	D mm	B mm	C mm	n mm	m mm	G mm	Load D-kN	Load S-kN	Max Rpm	Wgt kg
UCX05-15	15/16	62	38.1	19	15.9	22.2	5	19.5	11.31	4900	0.38
UCX05-16	1										0.36
UCX06-18	1.1/8	72	42.9	20	17.5	25.4	6	25.7	15.30	4100	0.47
UCX06-19	1.3/16										0.46
UCX06-20	1.1/4										0.45
UCX07-20	1.1/4	80	49.2	21	19	30.2	8	29.1	19.84	3600	0.74
UCX07-22	1.3/8										0.72
UCX08-24	1.1/2	85	49.2	22	19	30.2	8	32.5	20.46	3400	0.80
UCX09-27	1.11/16	90	51.6	23	19	32.6	9	35.1	23.18	3100	0.95
UCX09-28	1.3/4										0.92
UCX10-30	1.7/8	100	55.6	24	22.2	33.4	9	43.5	29.22	2800	1.21
UCX10-31	1.15/16										1.19
UCX11-32	2	110	65.1	26	25.4	39.7	10	52.5	32.93	2500	1.72
UCX11-35	2.3/16										1.68
UCX12-36	2.1/4	120	65.1	27	25.4	39.7	10	57.5	40.00	2400	1.95
UCX12-38	2.3/8										1.97
UCX13-39	2.7/16	125	74.6	29	30.2	44.4	12	61.9	45.03	2200	2.36
UCX13-40	2.1/2										2.33
UCX15-47	2.15/16	140	82.6	32	33.3	49.3	12	72.5	53.31	1950	3.28
UCX15-48	3										3.22
UCX17-52	3.1/4	160	96	36	39.7	56.3	12	95.9	71.76	1700	4.83
UCX18-56	3.1/2	170	104	38	42.9	61.1	14	109	81.93	1600	5.49
UCX20-64	4	190	117	42	49.2	68.3	16	133	105.2	1500	9.04



UBC

UC300 SERIES METRIC BORE BEARING INSERT

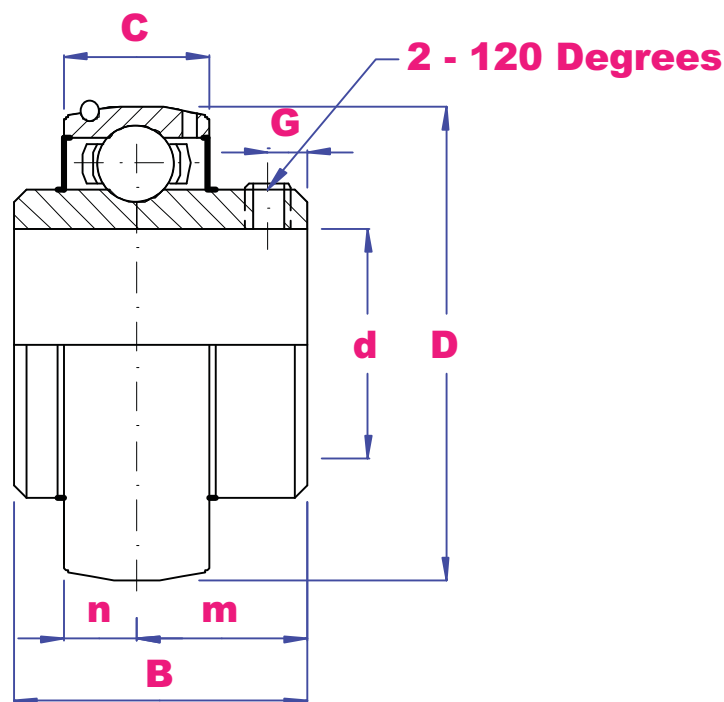


PART NO	d mm	D mm	B mm	C mm	n mm	m mm	G mm	Load D-kN	Load S-kN	Max Rpm	Wgt kg
UC305	25	62	38	21	15	23	6	21.2	10.85	5200	0.44
UC306	30	72	43	23	17	26	6	26.7	14.95	4300	0.56
UC307	35	80	48	25	19	29	8	33.5	19.14	3900	0.71
UC308	40	90	52	27	19	33	10	40.5	23.95	3400	1.00
UC309	45	100	57	30	22	35	10	53.2	32.18	3000	1.28
UC310	50	110	61	32	22	39	12	62.1	38.44	2700	1.65
UC311	55	120	66	34	25	41	12	71.5	44.95	2500	2.07
UC312	60	130	71	36	26	45	12	82.1	52.22	2300	2.59
UC313	65	140	75	38	30	45	12	92.5	59.88	2200	3.15
UC314	70	150	78	40	33	45	12	104.2	68.14	2000	3.83
UC315	75	160	82	42	32	50	14	112.8	77.11	1900	4.59
UC316	80	170	86	44	34	52	14	122.9	86.47	1800	5.40
UC317	85	180	96	46	40	56	16	133.2	96.88	1700	6.58
UC318	90	190	96	48	40	56	16	142.9	107.5	1600	7.34
UC319	95	200	103	50	41	62	16	153.2	118.8	1500	8.70
UC320	100	215	108	54	42	66	18	172.7	140.8	1400	10.8
UC321	105	225	112	56	44	68	18	184.0	153.2	1300	12.2
UC322	110	240	117	60	46	71	18	204.5	178.7	1250	14.3
UC324	120	260	126	64	51	75	18	207.4	185.5	1200	18.5
UC326	130	280	135	68	54	81	20	228.8	214.7	1100	23.0
UC328	140	300	145	73	59	86	20	253.6	246.7	1000	28.5



UBC

UC300 SERIES INCH BORE BEARING INSERT



PART NO	d in	D mm	B mm	C mm	n mm	m mm	G mm	Load D-kN	Load S-kN	Max Rpm	Wgt kg
UC308-24	1.1/2	90	52	27	19	33	10	40.5	23.95	3400	1.00
UC309-26	1.5/8										1.28
UC309-27	1.11/16	100	57	30	22	35	10	53.2	32.18	3000	1.26
UC309-28	1.3/4										1.23
UC310-30	1.7/8										1.69
UC310-31	1.15/16	110	61	32	22	39	12	62.1	38.44	2700	1.65
UC311-32	2										2.07
UC311-34	2.1/8	120	66	34	25	41	12	71.5	44.95	2500	2.04
UC311-35	2.3/16										2.00
UC312-36	2.1/4										2.65
UC312-39	2.7/16	130	71	36	26	45	12	82.1	52.22	2300	2.59
UC313-40	2.1/2	140	75	38	30	45	12	92.5	59.88	2200	3.15
UC314-43	2.11/16										3.83
UC314-44	2.3/4	150	78	40	33	45	12	104.2	68.14	2000	3.78
UC315-47	2.15/16										4.59
UC315-48	3	160	82	42	32	50	14	112.8	77.11	1900	4.48
UC317-52	3.1/4	180	96	46	40	56	16	133.2	96.88	1700	6.58
UC318-56	3.1/2	190	96	48	40	56	16	142.9	107.5	1600	7.34
UC319-60	3.3/4	200	103	50	41	62	16	153.2	118.8	1500	8.70
UC320-64	4	215	108	54	42	66	18	172.7	140.8	1400	10.8

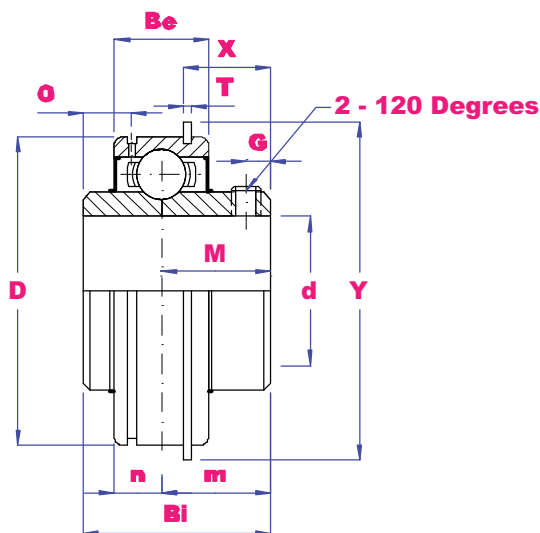


UBC

UR200NDG SERIES BEARING INSERT



Quality
Endorsed
Company
ISO 9001:2000
LIC QEC20818



PART NO	d mm	D mm	Bi mm	Be mm	M mm	O mm	T mm	Y mm	X mm	Load D-kN	Load S-kN	Max rpm	Wgt kg
UR204-12MMNDG	12	47	31	15.9	20.7	3.8	3.45	52.7	16.2	12.81	6.65	6800	0.27
UR204-15MMNDG	15	47	31	15.9	20.7	3.8	3.45	52.7	16.2	12.81	6.65	6800	0.25
UR204-17MMNDG	17	47	31	15.9	20.7	3.8	3.45	52.7	16.2	12.81	6.65	6800	0.23
UR204NDG	20	47	31	15.9	20.7	3.8	3.45	52.7	16.2	12.81	6.65	6800	0.22
UR205NDG	25	52	34.9	19	21.8	5.2	3.45	57.9	15.8	14.11	9.93	5700	0.28
UR206NDG	30	62	38.1	22.2	22.2	5.6	4.83	67.7	15.9	19.49	11.31	4900	0.38
UR207NDG	35	72	42.9	23.8	25.4	5.6	4.83	78.6	18.3	25.68	15.3	4100	0.56
UR208NDG	40	80	49.2	27.8	30.2	6.4	4.83	86.6	21.1	29.12	19.84	3600	0.87
UR209NDG	45	85	49.2	27.8	30.2	6.4	4.83	91.6	21.1	32.52	20.46	3400	0.95
UR210NDG	50	90	51.6	28.6	32.6	7.5	5.59	96.5	23.8	35.05	23.18	3100	1.03
UR211NDG	55	100	55.6	30.2	33.4	7.5	5.59	106.5	23.8	43.48	29.22	2800	1.21
UR212NDG	60	110	65.1	31.8	33.4	7.5	5.59	116.6	29.4	52.52	32.93	2500	1.68

INCH BORES

UR203-10NDG	5/8	40	27.4	14.0	15.9	11.5	3.0	45.2	14.0	7.36	4.29	8000	0.13
UR204-8NDG	1/2	47	31	15.9	20.7	3.8	3.45	52.7	16.2	12.81	6.65	6800	0.26
UR204-10NDG	5/8	47	31	15.9	20.7	3.8	3.45	52.7	16.2	12.81	6.65	6800	0.24
UR204-12NDG	3/4	47	31	15.9	20.7	3.8	3.45	52.7	16.2	12.81	6.65	6800	0.23
UR205-14NDG	7/8	52	34.9	19	21.8	5.2	3.45	57.9	15.8	14.11	9.93	5700	0.30
UR205-16NDG	1												0.27
UR206-18NDG	1.1/8	62	38.1	22.2	22.2	5.6	4.83	67.7	15.9	19.49	11.31	4900	0.40
UR206-19NDG	1.3/16												0.38
UR206-20NDG													
UR207-20NDG	1.1/4	72	42.9	23.8	25.4	5.6	4.83	78.6	18.3	25.68	15.3	4100	0.58
UR207-22NDG	1.3/8												0.56
UR208-24NDG	1.1/2	80	49.2	27.8	30.2	6.4	4.83	86.6	21.1	29.12	19.84	3600	0.89
UR209-26NDG	1.5/8	85	49.2	27.8	30.2	6.4	4.83	91.6	21.1	32.52	20.46	3400	0.98
UR209-28NDG	1.3/4												0.95
UR210-30NDG	1.7/8	90	51.6	28.6	32.6	7.5	5.59	96.5	23.8	35.05	23.18	3100	1.05
UR211-32NDG	2	100	55.6	30.2	33.4	7.5	5.59	106.5	23.8	43.48	29.22	2800	1.25
UR211-35NDG	2.3/16												1.21
UR212-36NDG	2.1/4	110	65.1	31.8	33.4	7.5	5.59	116.6	29.4	52.52	32.93	2500	1.71
UR212-39NDG	2.7/16												1.67

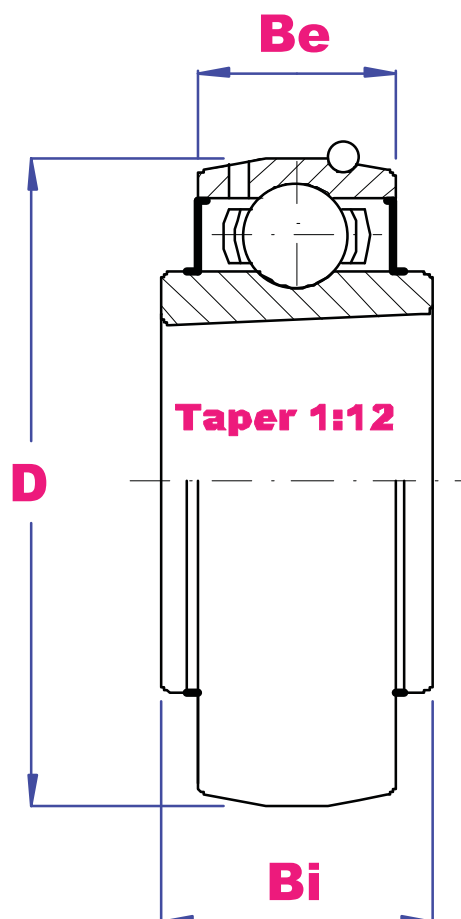


UBC

UK200 SERIES BEARING INSERT



Quality
Endorsed
Company
ISO 9001:2000
LIC QEC20818



PART NO	D mm	Be mm	Bi mm	Load S-kN	Load D-kN	Max rpm	Wgt kg
UK205	52	17	23	14.11	9.93	5700	0.18
UK206	62	19	26	19.49	11.31	4900	0.30
UK207	72	20	28	25.68	15.31	4100	0.43
UK208	80	21	29	29.12	19.84	3600	0.59
UK209	85	22	30	32.52	20.46	3400	0.62
UK210	90	22	32	35.05	23.18	3100	0.72
UK211	100	25	36	43.48	29.22	2800	0.98
UK212	110	27	38	52.52	32.93	2500	1.39
UK213	120	29	40	57.48	40.15	2400	1.72
UK215	130	30	43	66.12	49.31	2100	2.02
UK216	140	33	46	72.55	53.31	1950	2.55
UK217	150	35	48	83.24	63.89	1800	3.19
UK218	160	37	50	96.52	71.76	1700	4.11

SUITABLE ADAPTOR SLEEVES - H2300, HE2300, HX2300, HS2300, HA2300



UBC UKX EQUIVALENT

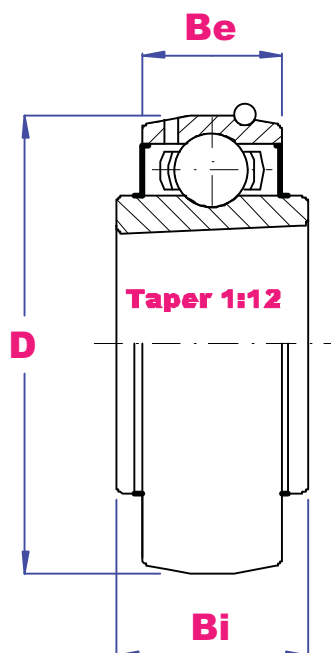


UKX		=	UBC	
UKX05+H2305	20MM ID	=	UK206+HX2306	20MM ID
UKX06+H2306	25MM ID	=	UK207+HX2307	25MM ID
UKX07+H2307	30MM ID	=	UK208+HX2308	30MM ID
UKX08+H2308	35MM ID	=	UK209+HX2309	35MM ID
UKX09+H2309	40MM ID	=	UK210+HX2310	40MM ID
UKX10+H2310	45MM ID	=	UK211+HX2311	45MM ID
UKX11+H2311	50MM ID	=	UK212+HX2312	50MM ID
UKX12+H2312	55MM ID	=	UK213+HX2313	55MM ID
UKX13+H2313	60MM ID	=	UK214+HX2314	60MM ID
UKX14+H2314	60MM ID	=	UK215+HX2315	60MM ID
UKX15+H2315	65MM ID	=	UK216+HX2316	65MM ID
UKX16+H2316	70MM ID	=	UK217+HX2317	70MM ID
UKX17+H2317	75MM ID	=	UK218+HX2318	75MM ID



UBC

UK300 SERIES BEARING INSERT



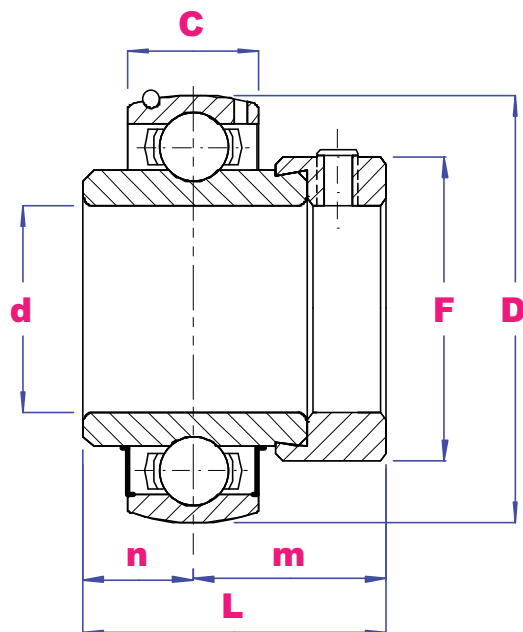
PART NO	D mm	Bi mm	Load D-kN	Load S-kN	Max Rpm	Wgt kg
UK305	62	26	21.2	10.85	5200	0.40
UK306	72	29	26.7	14.95	4300	0.46
UK307	80	31	33.5	19.14	3900	0.54
UK308	90	34	40.5	23.95	3400	0.81
UK309	100	37	53.2	32.18	3000	1.19
UK310	110	40	62.1	38.44	2700	1.38
UK311	120	43	71.5	44.95	2500	1.78
UK312	130	46	82.1	52.22	2300	2.06
UK313	140	48	92.5	59.88	2150	2.71
UK314	150	51	104.2	68.14	2000	3.28
UK315	160	54	112.8	77.11	1900	3.98
UK316	170	57	122.9	86.47	1800	4.55
UK317	180	60	133.2	96.88	1700	5.44
UK318	190	63	142.9	107.5	1600	6.25
UK319	200	66	153.2	118.8	1500	7.31
UK320	215	72	172.7	140.8	1400	8.82
UK322	240	80	204.5	178.7	1250	11.7
UK324	260	86	207.4	185.5	1200	14.8
UK326	280	92	228.8	214.7	1100	18.4
UK328	300	98	253.6	246.7	1000	22.9

SUITABLE ADAPTOR SLEEVES H2300,HE2300,HX2300,HS2300,HA2300



UBC

NA200 SERIES METRIC BORE BEARING INSERT

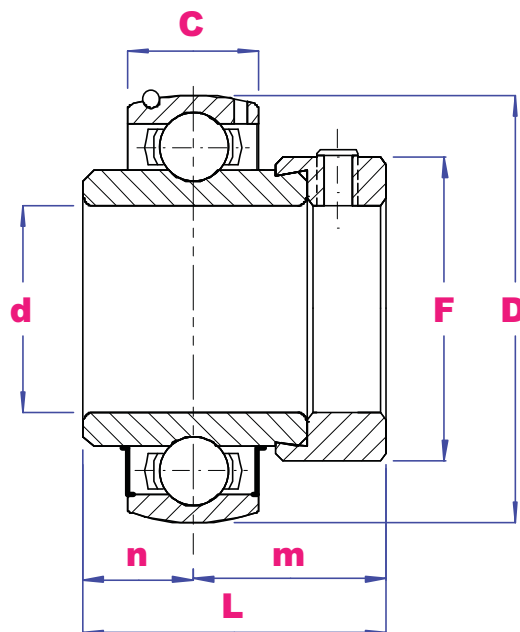


PART NO	d	D mm	L mm	C mm	n mm	m mm	F mm	Load D-Kn	Load S-Kn	Max Rpm	Wgt kg
NA204	20	47	43.7	17	17.1	26.6	33.3	12.81	6.65	6800	0.22
NA205	25	52	44.4	17	17.5	26.9	38.1	14.11	9.93	5700	0.25
NA206	30	62	48.4	19	18.3	30.1	44.5	19.49	11.31	4900	0.41
NA207	35	72	51.1	20	18.8	32.3	55.6	25.68	15.31	4100	0.60
NA208	40	80	56.3	21	21.4	34.9	60.3	29.12	19.84	3600	0.78
NA209	45	85	56.3	22	21.4	34.9	63.5	32.52	20.46	3400	0.85
NA210	50	90	62.7	24	24.6	38.1	69.9	35.05	23.18	3100	1.01
NA211	55	100	71.4	25	27.8	43.6	76.2	43.48	29.22	2800	1.39
NA212	60	110	77.7	27	25.4	52.3	84.2	52.3	36.1	2500	1.85
NA213	65	120	85.8	29	25.4	60.4	86	57.48	40.15	2400	2.11
NA214	70	125	85.8	30	30.2	55.6	90	62.11	45.03	2200	2.34
NA215	75	130	92.1	30	33.3	58.8	101.4	66.12	49.3	2100	2.70
NA216	80	140	95.2	33	33.3	61.9	108	72.55	53.31	1950	3.19
NA217	85	150	73.2	35	34.1	39.9	114.3	83.24	63.89	1800	4.1
NA218	90	160	72.5	37	39.7	38.4	127	96.52	71.76	1700	5.3



UBC

NA200 SERIES INCH BORE BEARING INSERT



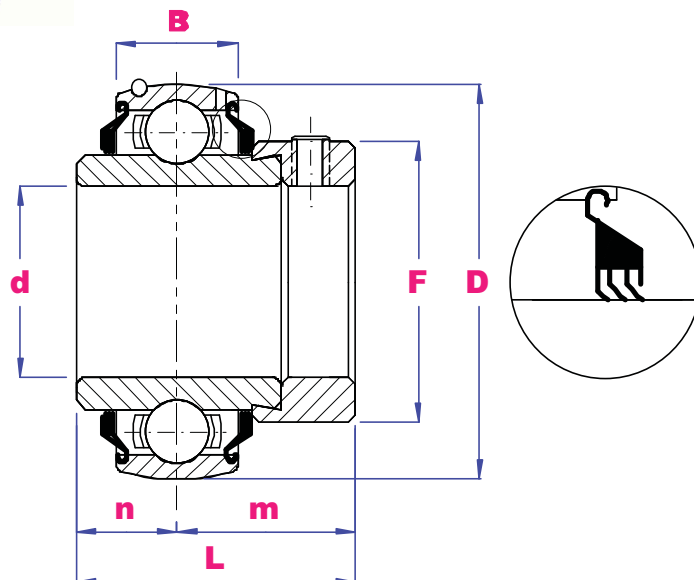
PART NO	d	D mm	L mm	C mm	n mm	m mm	F mm	Load D-Kn	Load S-Kn	Max Rpm	Wgt kg
NA204-12	3/4	47	43.7	17	17.1	26.6	33.3	12.81	6.65	6800	0.23
NA205-14	7/8	52	44.4	17	17.5	26.9	38.1	14.11	9.93	5700	0.29
NA205-15	15/16										0.27
NA205-16	1										0.24
NA206-18	1.1/8	62	48.4	19	18.3	30.1	44.5	19.49	11.3	4900	0.43
NA206-20	1.1/4										0.38
NA207-20	1.1/4	72	51.1	20	18.8	32.3	55.6	25.68	15.31	4100	0.68
NA207-22	1.3/8										0.61
NA207-23	1.7/16										0.58
NA208-24	1.1/2	80	56.3	21	21.4	34.9	60.3	29.12	19.84	3600	0.83
NA209-27	1.11/16	85	56.3	22	21.4	34.9	63.5	32.52	20.46	3400	0.91
NA209-28	1.3/4										0.87
NA210-30	1.7/8	90	62.7	24	24.6	38.1	69.9	35.05	23.18	3100	1.10
NA210-31	1.15/16										1.04
NA211-32	2	100	71.4	25	27.8	43.6	76.2	43.48	29.22	2800	1.58
NA211-35	2.3/16										1.36
NA212-36	2.1/4	110	77.7	27	25.4	52.3	84.2	52.3	36.1	2500	1.96
NA212-38	2.3/8										1.85
NA212-39	2.7/16										1.82
NA213-39	2.7/16	120	85.8	29	25.4	60.4	86	57.48	40.15	2400	2.15
NA213-40	2.1/2										2.12
NA214-43	2.11/16	125	85.8	30	30.2	55.6	90	62.11	45.03	2200	2.38
NA214-44	2.3/4										2.34
NA215-47	2.15/16	130	92.1	30	33.3	58.8	101.4	66.12	49.3	2100	2.71
NA215-48	3										2.68
NA217-52	3.1/4	150	73.2	35	33.3	39.9	114.3	83.24	63.89	1800	4.1
NA218-55	3.7/16	160	72.5	37	34.1	38.4	127	96.52	71.76	1700	5.3
NA218-56	3.1/2										5.2



UBC

NA200R3

TRIPLE LIP SEAL BEARING INSERT



PART NO	d	D mm	L mm	B mm	n mm	m mm	F mm	Load D-Kn	Load S-Kn	Max Rpm	Wgt kg
NA204R3	20	47	43.7	17	17.1	26.6	33.3	12.81	6.65	900	0.22
NA205R3	25	52	44.4	17	17.5	26.9	38.1	14.11	9.93	800	0.25
NA206R3	30	62	48.4	19	18.3	30.1	44.5	19.49	11.31	700	0.41
NA207R3	35	72	51.1	20	18.8	32.3	55.6	25.68	15.31	600	0.60
NA208R3	40	80	56.3	21	21.4	34.9	60.3	29.12	19.84	540	0.78
NA209R3	45	85	56.3	22	21.4	34.9	63.5	32.52	20.46	480	0.85
NA210R3	50	90	62.7	24	24.6	38.1	69.9	35.05	23.18	440	1.01
NA211R3	55	100	71.4	25	27.8	43.6	76.2	43.48	29.22	400	1.39

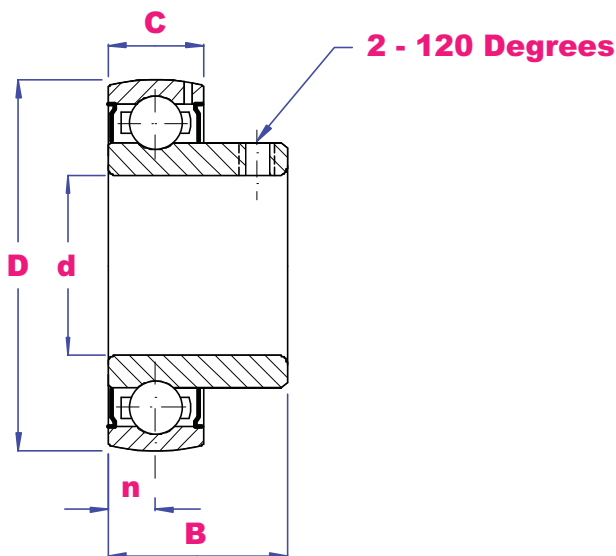
INCH BORES

G1012KPPB3/NA204-12R3	3/4	47	43.7	17	17.1	26.6	33.3	12.81	6.65	900	0.22
G1014KPPB3/NA205-14R3	7/8	52	44.4	17	17.5	26.9	38.1	14.11	9.93	800	0.29
G1015KPPB3/NA205-15R3	15/16										0.27
G1100KPPB3/NA205-16R3	1										0.24
G1102KPPB3/NA206-18R3	1.1/8	62	48.4	19	18.3	30.1	44.5	19.49	11.3	700	0.43
G1103KPPB3/NA206-19R3	1.3/16										0.41
G1103KPPB4/NA206-20R3	1.1/4										0.38
G1104KPPB2/NA207-20R3	1.1/4	72	51.1	20	18.8	32.3	55.6	25.68	15.31	600	0.68
G1106KPPB2/NA207-22R3	1.3/8										0.61
G1107KPPB2/NA207-23R3	1.7/16										0.58
G1108KPPB3/NA208-24R3	1.1/2	80	56.3	21	21.4	34.9	60.3	29.12	19.84	540	0.83
G1111KPPB4/NA209-27R3	1.11/16	85	56.3	22	21.4	34.9	63.5	32.52	20.46	480	0.91
G1112KPPB4/NA209-28R3	1.3/4										0.87
G1114KPPB3/NA210-30R3	1.7/8	90	62.7	24	24.6	38.1	69.9	35.05	23.18	440	1.10
G1115KPPB3/NA210-31R3	1.15/16										1.04
G1200KPPB4/NA211-32R3	2	100	71.4	25	27.8	43.6	76.2	43.48	29.22	400	1.58
G1203KPPB4/NA211-35R3	2.3/16										1.36



UBC

SB200 SERIES BEARING INSERT



PART NO	d mm	D mm	B mm	C mm	n mm	Load D-kN	Load S-kN	Max Rpm	Wgt kg
SB203-12MM	12	40	22	12	6	7.36	4.79	8000	0.08
SB203-15MM	15	40	22	12	6	7.36	4.79	8000	0.075
SB203	17	40	22	12	6	7.36	4.79	8000	0.07
SB204-17MM	17	47	25	14	7	12.81	6.65	6800	0.14
SB204	20	47	25	14	7	12.81	6.65	6800	0.12
SB205 (ZZ)	25	52	27	15	7.5	14.11	9.93	5700	0.16
SB206 (ZZ)	30	62	30	16	8	19.49	11.31	4900	0.25
SB207 (ZZ)	35	72	32	17	8.5	25.68	15.31	4100	0.38
SB208 (ZZ)	40	80	34	18	9	29.12	19.84	3600	0.58
SB208-50(ZZ)	50	80	34	18	9	20.78	15.58	3900	0.38
SB210 (ZZ)	50	90	42.5	20	10	35.05	23.18	3100	0.64

INCH BORES

SB203-8	1/2	40	22	12	6	7.36	4.79	8000	0.08
SB203-10	5/8	40	22	12	6	7.36	4.79	8000	0.07
SB204-12	3/4	47	25	14	7	12.81	6.65	6800	0.13
SB205-14	7/8	52	27	15	7.5	14.11	9.93	5700	0.18
SB205-15	15/16								0.17
SB205-16	1								0.16
SB206-18	1.1/8	62	30	16	8	19.49	11.31	4900	0.26
SB206-19	1.3/16								0.25
SB206-20	1.1/4								0.24
SB207-20	1.1/4	72	32	17	8.5	25.68	15.31	4100	0.43
SB207-22	1.3/8								0.38
SB207-23	1.7/16								0.37
SB208-24	1.1/2	80	34	18	9	29.12	19.84	3600	0.60
SB209-28	1.3/4	80	34	18	9	20.78	15.58	3900	0.38
SB210-32	2	90	42.5	20	10	35.05	23.18	3100	0.64

SIZES MARKED ZZ ARE RECOMMENDED FOR GO KART AXLES

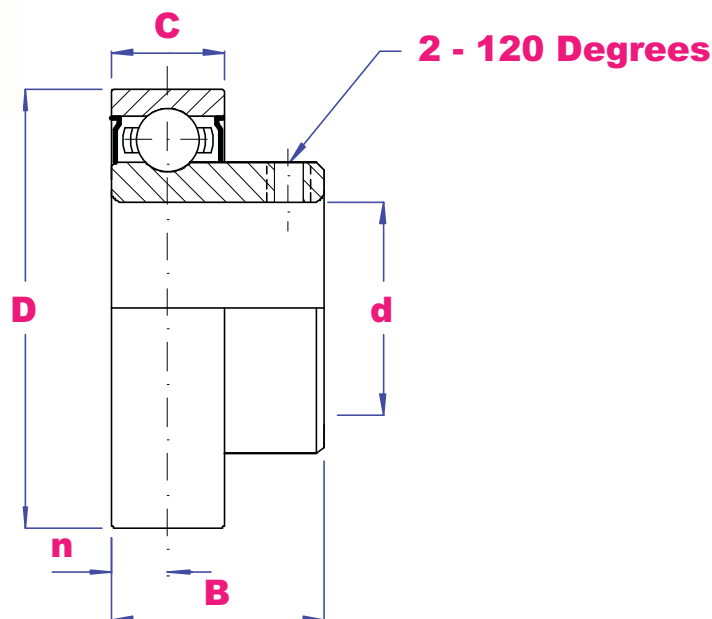


UBC

CSB200 SERIES BEARING INSERT



Quality
Endorsed
Company
ISO 9001:2000
LIC QEC20818



PART NO	d mm	D mm	B mm	C mm	n mm	Load D-kN	Load S-kN	Max Rpm	Wgt kg
CSB203-12MM	12	40	22	12	6	7.36	4.79	8000	0.08
CSB203-15MM	15	40	22	12	6	7.36	4.79	8000	0.075
CSB203	17	40	22	12	6	7.36	4.79	8000	0.07
CSB204-15MM	15	47	25	14	7	12.81	6.65	6800	0.15
CSB204	20	47	25	14	7	12.81	6.65	6800	0.12
CSB205	25	52	27	15	7.5	14.11	9.93	5700	0.16
CSB206	30	62	30	16	8	19.49	11.31	4900	0.25
CSB207	35	72	32	17	8.5	25.68	15.31	4100	0.38
CSB208	40	80	34	18	9	29.12	19.84	3600	0.58

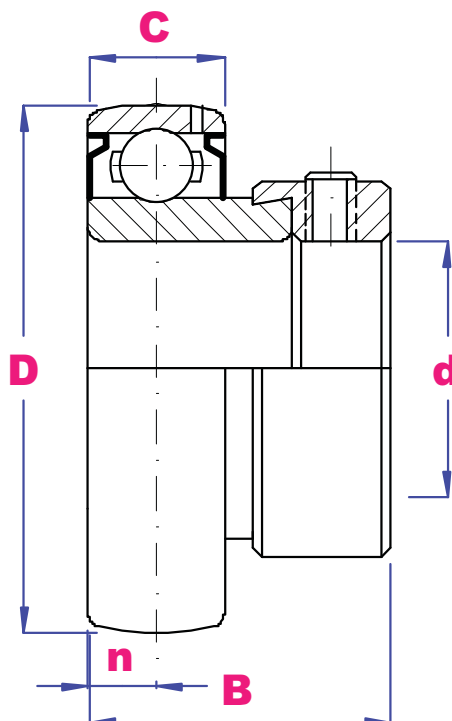
INCH BORES

CSB203-8	1/2	40	22	12	6	7.36	4.79	8000	0.08
CSB203-10	5/8	40	22	12	6	7.36	4.79	8000	0.073
CSB204-8	1/2	47	25	14	7	12.81	6.65	6800	0.16
CSB204-10	5/8								0.14
CSB204-12	3/4								0.13
CSB205-14	7/8	52	27	15	7.5	14.11	9.93	5700	0.18
CSB205-15	15/16								0.17
CSB205-16	1								0.16
CSB206-18	1.1/8	62	30	16	8	19.49	11.31	4900	0.28
CSB206-19	1.3/16								0.26
CSB206-20	1.1/4								0.25
CSB207-20	1.1/4	72	32	17	8.5	25.68	15.31	4100	0.46
CSB207-22	1.3/8								0.43
CSB208-24	1.1/2	80	34	18	9	29.12	19.84	3600	0.61



UBC

SA200 SERIES METRIC BORE BEARING INSERT



PART NO	d	D mm	B mm	C mm	n mm	Load D-Kn	Load S-Kn	Max Rpm	Wgt kg
SA203-12MM	12	40	28.6	12	6.0	7.36	4.79	8000	0.14
SA203-15MM	15	40	28.6	12	6.0	7.36	4.79	8000	0.135
SA203	17	40	28.6	12	6.0	7.36	4.79	8000	0.13
SA204	20	47	29.5	14	7.0	12.81	6.65	6800	0.15
SA205	25	52	30.5	15	7.5	14.11	9.93	5700	0.22
SA206	30	62	33.9	16	8.0	19.49	11.31	4900	0.30
SA207	35	72	37.5	18	9.0	25.68	15.31	4100	0.50
SA208	40	80	43.7	19	9.5	29.12	19.84	3600	0.62
SA209	45	85	43.7	19	9.5	31.5	20.4	3200	0.65
SA210	50	90	43.7	20	10	34.9	23.2	2800	0.75
SA211	55	100	48.4	21	10.5	43.5	29.3	2600	0.94
SA212	60	110	53.1	22	11	52.5	35.8	2500	1.17

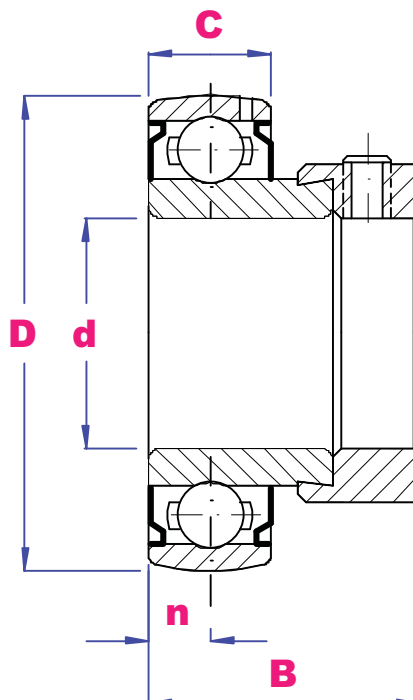


UBC

SA200 SERIES INCH BORE BEARING INSERT



Quality
Endorsed
Company
ISO 9001:2000
LIC QEC20818

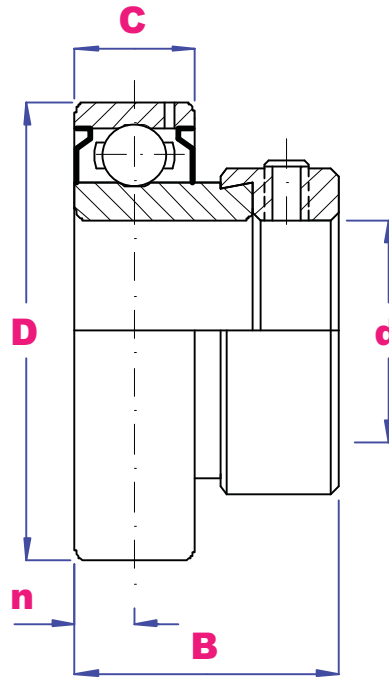


PART NO	d	D mm	B mm	C mm	n mm	Load D-Kn	Load S-Kn	Max Rpm	Wgt kg
SA203-8	1/2	40	28.6	12	6.0	7.36	4.79	8000	0.14
SA203-10	5/8	40	28.6	12	6.0	7.36	4.79	8000	0.135
SA203-11	11/16	40	28.6	12	6.0	7.36	4.79	8000	0.13
SA204-12	3/4	47	29.5	14	7.0	12.81	6.65	6800	0.15
SA205-14	7/8	52	30.5	15	7.5	14.11	9.95	5700	0.26
SA205-15	15/16								0.24
SA205-16	1								0.22
SA206-18	1.1/8	62	33.9	16	8.0	19.49	11.31	4900	0.32
SA206-19	1.3/16								0.30
SA206-20	1.1/4								0.27
SA207-20	1.1/4	72	37.5	18	9.0	25.68	15.31	4100	0.55
SA207-22	1.3/8								0.50
SA207-23	1.7/16								0.47
SA208-24	1.1/2	80	40.5	19	9.5	29.12	19.84	3600	0.67
SA209-27	1.11/16	85	43.7	19	9.5	31.5	20.4	3200	0.72
SA209-28	1.3/4								0.71
SA210-30	1.7/8	90	43.7	20	10	34.9	23.2	2800	0.79
SA210-31	1.15/16								0.75
SA211-32	2	100	48.4	21	10.5	43.5	29.3	2600	0.94
SA211-35	2.3/16								0.91
SA212-36	2.1/4	110	53.1	22	11	52.5	35.8	2500	1.18



UBC

CSA200 SERIES BEARING INSERT



PART NO	d	D mm	B mm	C mm	N mm	Load D-Kn	Load S-Kn	Max Rpm	Wgt kg
CSA203-12MM	12	40	28.6	12	6.0	7.36	4.79	8000	0.14
CSA203-15MM	15	40	28.6	12	6.0	7.36	4.79	8000	0.135
CSA203	17	40	28.6	12	6.0	7.36	4.79	8000	0.13
CSA204	20	47	29.5	14	7.0	12.81	6.65	6800	0.15
CSA205	25	52	30.5	15	7.5	14.11	9.93	5700	0.22
CSA206	30	62	33.9	16	8.0	19.49	11.31	4900	0.30
CSA207	35	72	37.5	18	9.0	25.68	15.31	4100	0.50
CSA208	40	80	40.5	19	9.5	29.12	19.84	3600	0.67

INCH SIZES

CSA203-8	1/2	40	28.6	12	6.0	7.36	4.79	8000	0.14
CSA203-10	5/8	40	28.6	12	6.0	7.36	4.79	8000	0.135
CSA203-11	11/16	40	28.6	12	6.0	7.36	4.79	8000	0.13
CSA204-12	3/4	47	29.5	14	7.0	12.81	6.65	6800	0.15
CSA205-14	7/8	52	30.5	15	7.5	14.11	9.95	5700	0.22
CSA205-15	15/16								
CSA205-16	1								
CSA206-18	1.1/8	62	33.9	16	8.0	19.49	11.31	4900	0.30
CSA206-19	1.3/16								
CSA206-20	1.1/4								
CSA207-20	1.1/4	72	37.5	18	9.0	25.68	15.31	4100	0.50
CSA207-22	1.3/8								
CSA207-23	1.7/16								
CSA208-24	1.1/2	80	40.5	19	9.5	29.12	19.84	3600	0.67

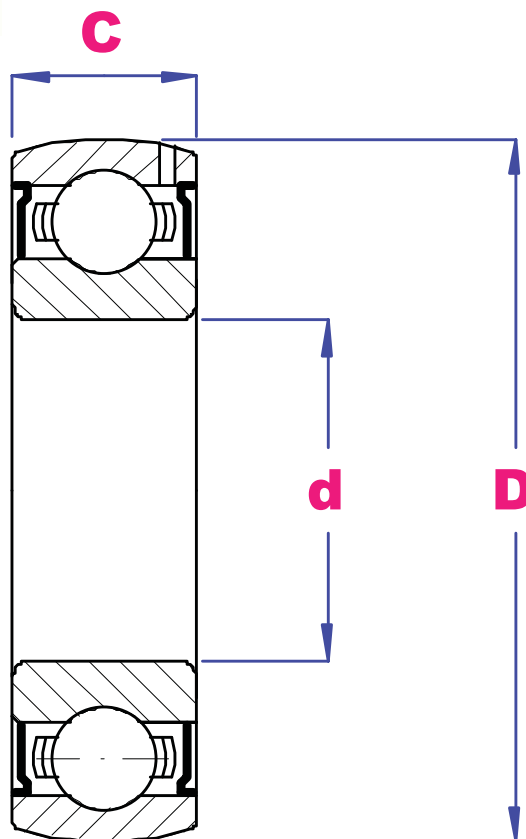


UBC

CS200 SERIES BEARING INSERT



Quality
Endorsed
Company
ISO 9001:2000
LIC QEC20818

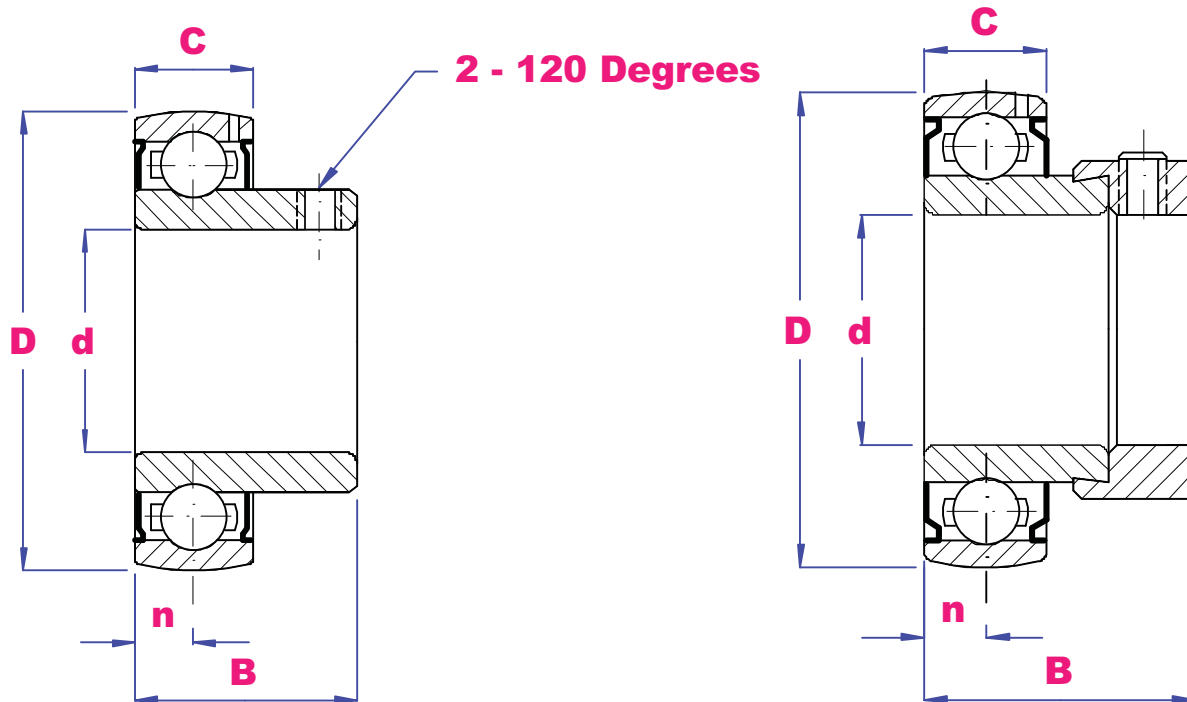


PART NO	d mm	D mm	C mm	Load D-kN	Load S-kN	Max Rpm	Wgt g
CS200-2RS	10	30	9	5.15	2.40	18000	32
CS201-2RS	12	32	10	6.13	2.76	16000	39
CS203-12MM- 2RS	12	40	12	9.55	4.59	12000	73
CS202-2RS	15	35	11	7.82	3.62	15000	45
CS203-15MM-2RS	15	40	12	9.55	4.59	12000	69
CS203-2RS	17	40	12	9.55	4.59	12000	67
CS204-2RS	20	47	14	12.8	6.65	10000	109
CS205-2RS	25	52	15	14.1	7.88	8800	132
CS206-2RS	30	62	16	19.4	11.3	7200	201
CS207-2RS	35	72	17	25.7	15.3	6200	301
CS208-2RS	40	80	18	29.1	17.8	5500	384
CS209-2RS	45	85	19	32.6	20.4	5000	441
CS210-2RS	50	90	20	34.9	23.2	4500	478



UBC

K000 + K000ER SERIES BEARING INSERT



PART NO	d mm	D mm	C mm	B mm	n mm	Load D-Kn	Load S-Kn	Max rpm	Wgt g
K000	10	26	8	15	4	4.58	1.98	19000	21
K001	12	28	8	16	4	5.10	2.38	18000	28
K002	15	32	9	16.5	4.5	5.58	2.85	16000	36
K003	17	35	10	17.5	5	6.11	3.25	14000	48
K004	20	42	12	21	6	9.38	5.02	12000	88
K005	25	47	12	22	6	10.1	5.85	10000	102
K006	30	55	13	24.5	6.5	13.2	8.28	8500	153

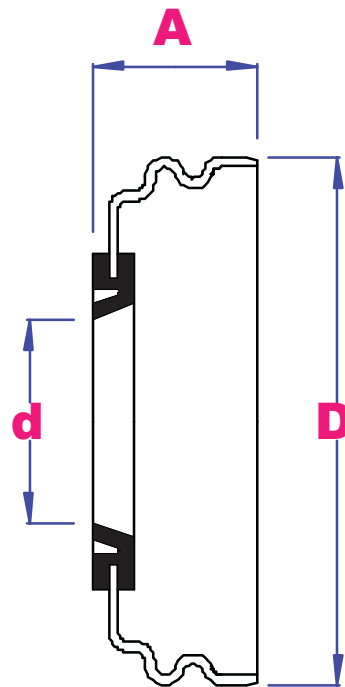
ECCENTRIC COLLAR TYPE

K000ER	10	26	8	17.5	4	4.58	1.98	19000	21
K001ER	12	28	8	17.5	4	5.10	2.38	18000	28
K002ER	15	32	9	18.5	4.5	5.58	2.85	16000	36
K003ER	17	35	10	20.5	5	6.11	3.25	14000	48
K004ER	20	42	12	24.5	6	9.38	5.02	12000	88
RA012NPP2	3/4	42	12	24.5	6	9.38	5.02	12000	88
K005ER	25	47	12	25.5	6	10.1	5.85	10000	102
K006ER	30	55	13	26.5	6.5	13.2	8.28	8500	153



UBC

S200 OPEN HOUSING COVERS

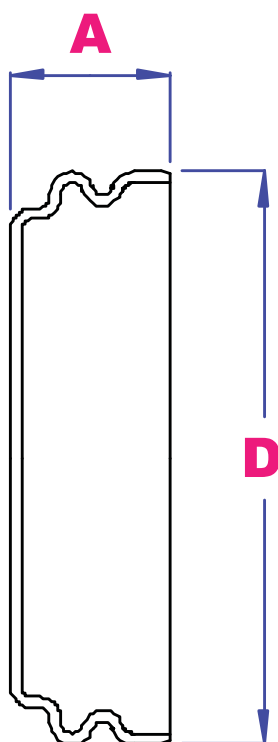


PART NO	d mm	D mm	A mm	Wgt g
S204	20	52	16	24
S205	25	58	17	33
S206	30	68	17.5	40
S207	35	78	21.5	47
S208	40	88	25	72
S209	45	91	26	73
S210	50	96	28	91
S211	55	110	28	92
S212	60	120	32	111
S213	65	130	32	123
S214	70	135	36	134
S215	75	140	38	168
S216	80	150	40	192
S217	85	160	44	223
S218	90	170	48	257



UBC

SM200 CLOSED HOUSING COVERS



PART NO	D mm	A mm	Wgt kg
SM204	52	14.5	28
SM205	58	16	41
SM206	68	16.5	52
SM207	78	20	62
SM208	88	23.5	78
SM209	91	24	88
SM210	96	26	103
SM211	110	26	106
SM212	120	31	124
SM213	130	31	140
SM214	135	34.5	182
SM215	140	36	209
SM216	150	38	217
SM217	160	42	246
SM218	170	46	284

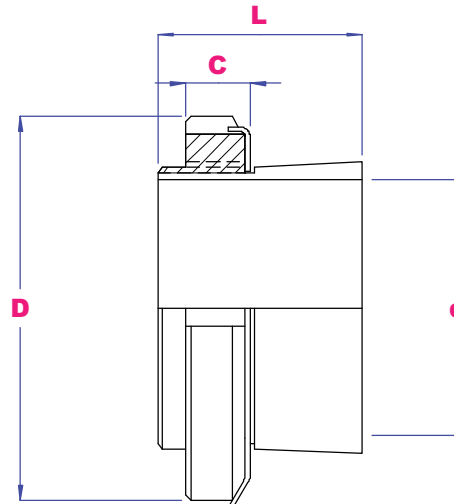


UBC

METRIC

ADAPTER SLEEVES

20 – 50MM ID



PART NO	d mm	D mm	L mm	C mm	Thread	Wgt kg
H205	20	38	26	7	M25X1.5	0.069
H305		38	29	7	M25X1.5	0.075
H2305		38	35	7	M25X1.5	0.087
HX2306		45	38	9	M30X1.5	0.121
H206	25	45	27	9	M30X1.5	0.091
H306		45	31	9	M30X1.5	0.100
H2306		45	38	9	M30X1.5	0.117
HX2307		52	43	10	M35X1.5	0.195
H207	30	52	29	10	M35X1.5	0.129
H307		52	35	10	M35X1.5	0.147
H2307		52	43	10	M35X1.5	0.171
HX2308		58	46	11	M40X1.5	0.255
H208	35	58	31	11	M40X1.5	0.171
H308		58	36	11	M40X1.5	0.185
H2308		58	46	11	M40X1.5	0.222
HX2309		65	50	12	M45X1.5	0.315
H209	40	65	33	12	M45X1.5	0.216
H309		65	39	12	M45X1.5	0.246
H2309		65	50	12	M45X1.5	0.283
HX2310		70	55	13	M50X1.5	0.395
H210	45	70	35	13	M50X1.5	0.216
H310		70	42	13	M50X1.5	0.301
H2310		70	55	13	M50X1.5	0.353
HX2311		75	59	13	M55X2	0.475
H211	50	75	37	13	M55X2	0.292
H311		75	45	13	M55X2	0.351
H2311		75	59	13	M55X2	0.426
HX2312		80	62	13	M60X2	0.575

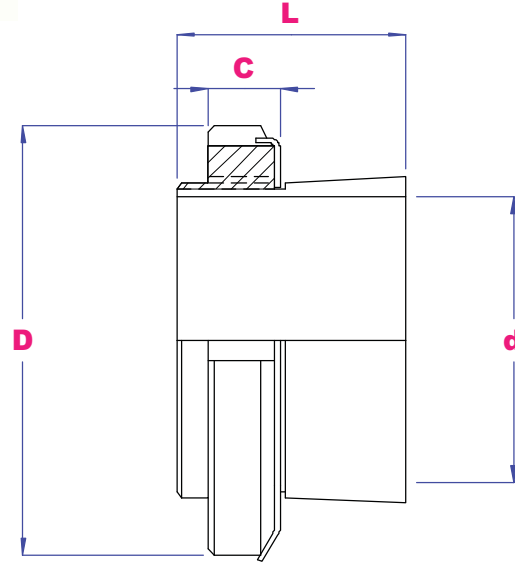


UBC

METRIC

ADAPTER SLEEVES

50 – 80MM ID



PART NO	d mm	D mm	L mm	C mm	Thread	Wgt kg
H212	55	80	38	13	M60X2	0.344
H312		80	47	13	M60X2	0.373
H2312		80	62	13	M60X2	0.533
HX2313		85	65	14	M65X2	0.605
H213	60	85	40	14	M65X2	0.393
H313		85	50	14	M65X2	0.452
H2313		85	65	14	M65X2	0.553
H214	60	92	41	14	M70X2	0.603
H314		92	52	14	M70X2	0.715
H2314		92	68	14	M70X2	0.895
H215	65	98	43	15	M75X2	0.777
H315		98	55	15	M75X2	0.826
H2315		98	73	15	M75X2	1.16
HX2316		105	78	17	M80X2	1.55
H216	70	105	46	17	M80X2	0.876
H316		105	59	17	M80X2	1.03
H2316		105	78	17	M80X2	1.16
HX2317		110	82	18	M85X2	1.85
H217	75	110	50	18	M85X2	1.09
H317		110	63	18	M85X2	1.16
H2317		110	82	18	M85X2	1.55
HX2318		120	86	18	M90X2	1.99
H218	80	120	52	18	M90X2	1.29
H318		120	65	18	M90X2	1.39
H2318		120	86	18	M90X2	1.69
HX2319		125	90	19	M95X2	2.55

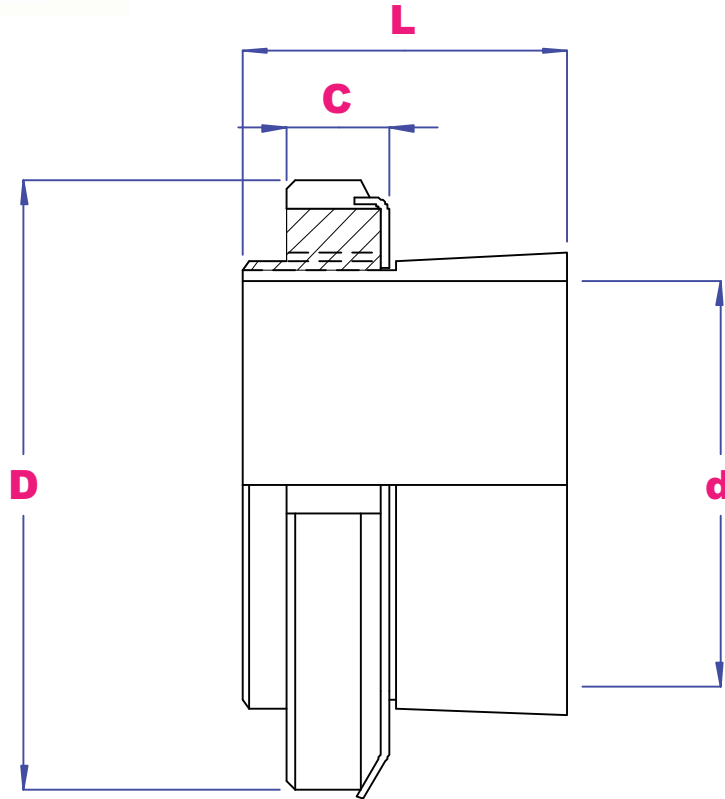


UBC

METRIC

ADAPTER SLEEVES

85 – 125MM ID



PART NO	d mm	D mm	L mm	C mm	Thread	Wgt kg
H219	85	125	55	19	M95X2	1.45
H319		125	68	19	M95X2	1.51
H2319		125	90	19	M95X2	2.06
H220	90	130	58	20	M100X2	1.63
H320		130	71	20	M100X2	1.73
H2320		130	97	20	M100X2	2.17
H222	100	145	63	21	M110X2	2.03
H322		145	77	21	M110X2	2.16
H2322		145	105	21	M110X2	2.74
H2324	110	155	112	22	M120X2	3.18
H2326	115	165	121	23	M130X2	4.91
H2328	125	180	131	24	M140X2	5.94

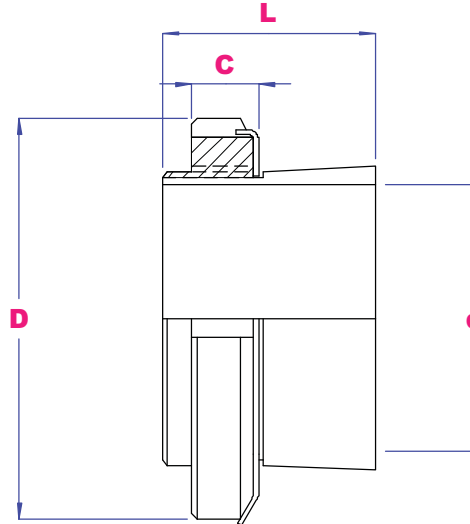


UBC

INCH

ADAPTER SLEEVES

3/4" – 2.1/4"ID



PART NO	d mm	D mm	L mm	C mm	Thread	Wgt kg
HE205	3/4	38	26	7	M25X1.5	0.069
HE305		38	29	7	M25X1.5	0.075
HE2305		38	35	7	M25X1.5	0.087
HE206	1	45	27	9	M30X1.5	0.091
HE306		45	31	9	M30X1.5	0.100
HE2306		45	38	9	M30X1.5	0.117
HE207	1.1/8	52	29	10	M35X1.5	0.129
HE307		52	35	10	M35X1.5	0.147
HE2307		52	43	10	M35X1.5	0.171
HE208	1.1/4	58	31	11	M40X1.5	0.171
HE308		58	36	11	M40X1.5	0.185
HE2308		58	46	11	M40X1.5	0.222
HE209	1.1/2	65	33	12	M45X1.5	0.216
HE309		65	39	12	M45X1.5	0.246
HE2309		65	50	12	M45X1.5	0.283
HE210	1.3/4	70	35	13	M50X1.5	0.216
HE310		70	42	13	M50X1.5	0.301
HE2310		70	55	13	M50X1.5	0.353
HE211	2	75	37	13	M55X2	0.292
HE311		75	45	13	M55X2	0.351
HE2311		75	59	13	M55X2	0.426
HE212	2.1/8	80	38	13	M60X2	0.344
HE312		80	47	13	M60X2	0.373
HE2312		80	62	13	M60X2	0.533
HE213	2.1/4	85	40	14	M65X2	0.393
HE313		85	50	14	M65X2	0.452
HE2313		85	65	14	M65X2	0.553

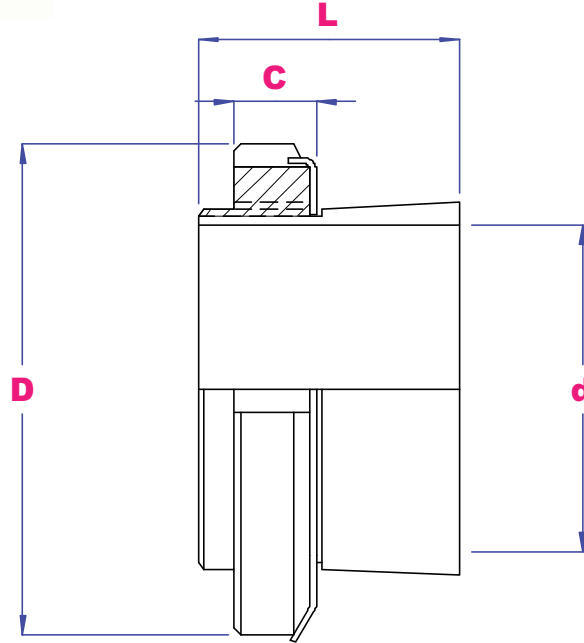


UBC

INCH

ADAPTER SLEEVES

2.1/2" – 5"ID

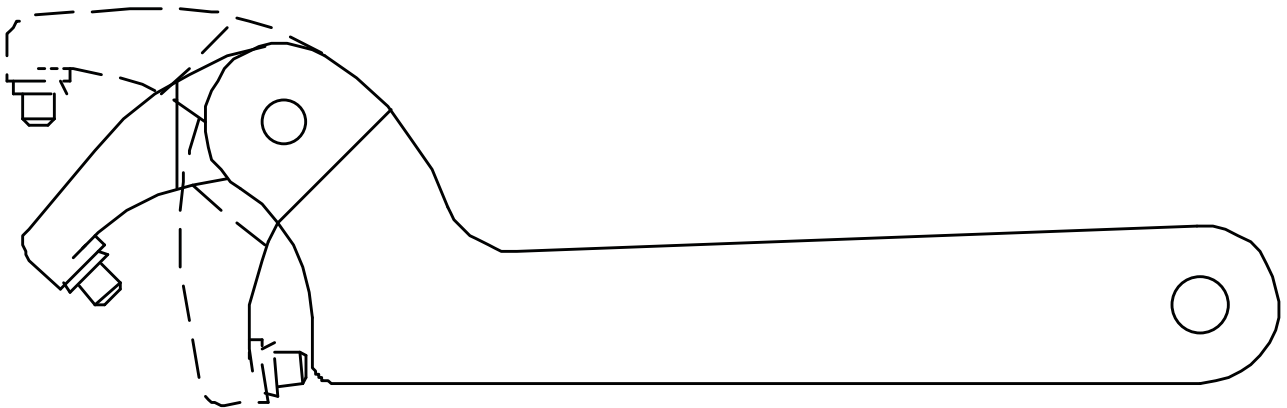


PART NO	d mm	D mm	L mm	C mm	Thread	Wgt kg
HE215	2.1/2	98	43	15	M75X2	0.777
HE315		98	55	15	M75X2	0.826
HE2315		98	73	15	M75X2	1.16
HE216	2.3/4	105	46	17	M80X2	0.876
HE316		105	59	17	M80X2	1.03
HE2316		105	78	17	M80X2	1.16
HE217	3	110	50	18	M85X2	1.09
HE317		110	63	18	M85X2	1.16
HE2317		110	82	18	M85X2	1.55
HE218	3.1/4	120	52	18	M90X2	1.29
HE318		120	65	18	M90X2	1.39
HE2318		120	86	18	M90X2	1.69
HE219	3.1/4	125	55	19	M95x2	1.37
HE319		125	68	19	M95x2	1.56
HE2319		125	90	19	M95x2	1.92
HE220	3.1/2	130	58	20	M100x2	1.56
HE320		130	71	20	M100x2	1.78
HE2320		130	97	20	M100x2	2.28
HE222	4	145	63	21	M110x2	1.85
HE322		145	77	21	M110x2	2.03
HE2322		145	105	21	M110x2	2.53
HE2324	4.1/4	155	112	22	M120x2	3.19
HE2326	4.1/2	165	121	23	M130x2	4.72
HE2328	5	180	131	24	M140x2	5.14



UBC

HOOK SPANNERS

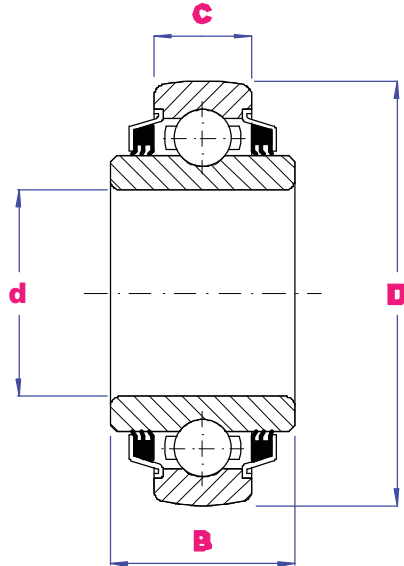


PART NO	L mm	TO SUIT KM NUT
HS150P	150	KM00-KM07
HS150H	150	KM00-KM07
HS200P	200	KM06-KM11
HS200H	200	KM06-KM11
HS250P	250	KM10-KM20
HS250H	250	KM10-KM20
HS400P	400	KM18-KM30
HS400H	400	KM18-KM30
H = FIXED PIN P = RELACEABLE PIN		



UBC

PLOUGH BEARINGS ROUND BORE SPHERICAL OD



PART NO	d mm / inch	D mm	B mm	C mm	Wgt kg
205PPB7	23.81 - 15/16	52	34.92	15.00	0.21
RE205PPB7S	25.40 - 1.00	52	34.92	15.00	0.19
206KRRB3	28.58 - 1.1/8	62	24.00	16.00	0.22
206KRRB9	25.4 - 1.00	62	24.00	16.00	0.29
W208PPB7	30.18 - 1.3/16	80	30.18	18.00	0.64
W208PPB2	38.11 - 1.1/2	80	42.86	18.00	0.72
W208PPB23	38.11 - 1.1/2	80	42.86	30.18	0.68
208NPPB5	36.53 - 1.7/16	80	22.00	22.00	0.48
G/W208PPB4	30.18 - 1.3/16	80	30.18	30.18	0.72
G/W209PPB2	45.00	85	30.18	30.18	0.65
G/W209PPB4	39.00	85	30.18	30.18	0.75
GW209PPB11	45.24 - 1.3/4	85	36.53	22.00	0.64
G/W210PPB2	49.23 - 1.15/16	90	30.18	30.18	0.71
G/W210PPB5	45.34 - 1.3/4	90	30.18	30.18	0.79
G/W211PPB2	55.58 - 2.3/16	100	33.34	33.34	0.97
GW211PPB10	49.23 - 1.15/16	100	33.34	33.34	1.02
GW211PPB13	45.34 - 1.3/4	100	33.34	25.00	0.92
GW211PPB14	51.18 - 2.00	100	33.34	25.00	0.91
GW211PPB8	55.58 - 2.3/16	100	33.34	25.00	0.84
GW211PPB9	55.75 - 2.3/16	100	39.69	25.00	0.92
GW214PPB2	70.00 - 2.3/4	125	39.69	39.69	1.81
GW214PPB3	49.23 - 1.15/16	125	39.69	39.69	2.24
GW214PPB5	70.00 - 2.3/4	125	61.90	39.69	2.16
GW214PPB6	68.28 - 2.11/16	125	68.28	28.00	2.16
W214PPB9	70.26 - 2.3/4	125	44.45	28.00	1.81

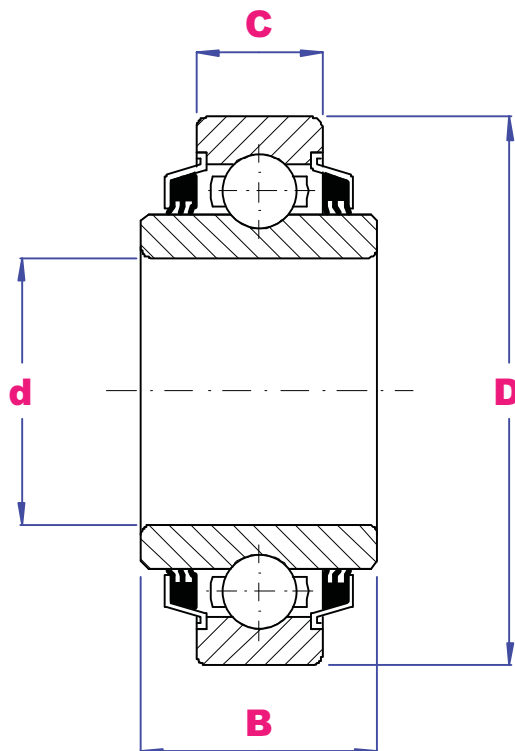


UBC

PLOUGH BEARINGS ROUND BORE CYLINDRICAL OD



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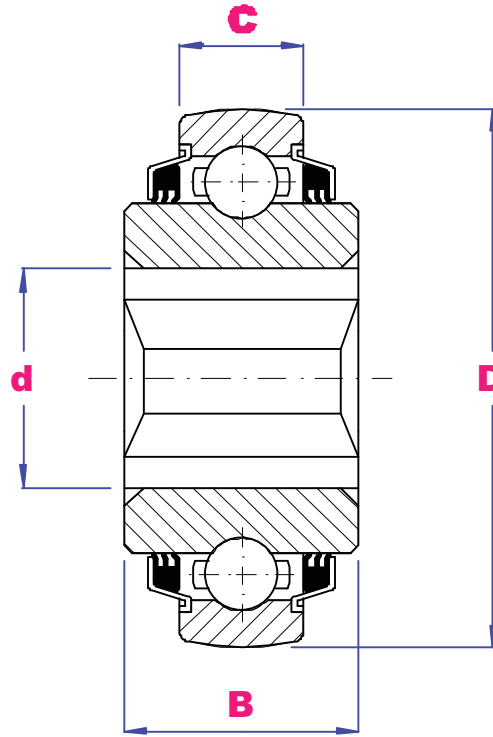


PART NO	d mm / inch	D mm	B mm	C mm	Wgt kg
206KRR13	19.05 - 3/4	62	24.00	16.00	0.33
W208PP10	38.11 - 1.1/2	80	42.86	21.00	0.68
GW210PP3	35.73 - 1.3/8	90	30.18	30.18	0.85
W210PP8	38.86 - 1.1/2	90	30.18	30.18	0.96
W210PP2	49.23 - 1.15/16	90	30.18	30.18	0.77
GW210PP9	49.4 - 1.15/16	90	36.53	23.00	0.68
W211PP2	55.58 - 2.3/16	100	33.34	33.34	0.92
G/W214PP2	70.00 - 2.3/4	125	39.69	39.69	1.74
GW216PP5	63.88 - 2.1/2	140	63.5	30.00	3.54



UBC

PLOUGH BEARINGS SQUARE BORE SPHERICAL OD

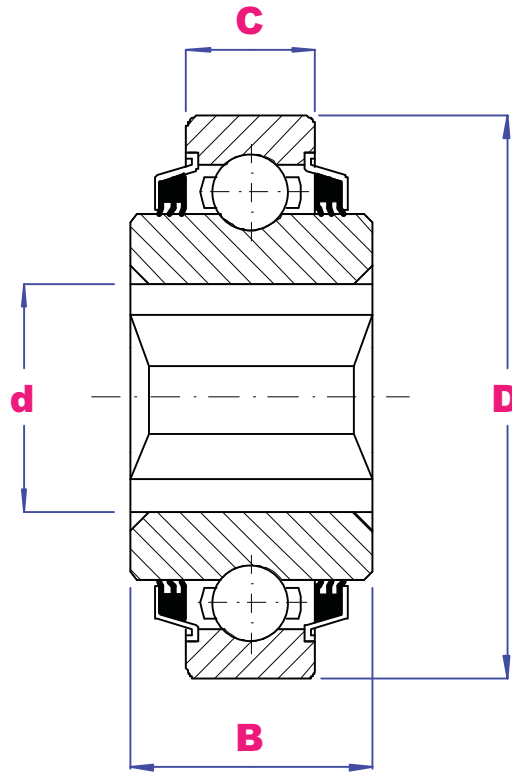


PART NO	d mm / inch	D mm	B mm	C mm	Wgt kg
W208PPB13	22.2 - 7/8	80	36.53	18.00	0.73
W208PPB6	25.4 - 1.00	80	36.53	18.00	0.72
W208PPB9	25.4 - 1.00	80	36.53	30.18	0.79
W208PPB5	28.6 - 1.1/8	80	36.53	18.00	0.67
W208PPB8	28.6 - 1.1/8	80	36.53	30.18	0.75
W209PPB5	31.8 - 1.1/4	85	36.53	30.18	0.79
W208PPB12	28.6 - 1.1/8	87.4	36.45	30.18	0.85
W210PPB4	28.6 - 1.1/8	90	30.18	30.18	0.96
W210PPB6	28.6 - 1.1/8	90	36.53	30.18	1.02
G/W211PPB3	38.1 - 1.1/2	100	33.34	33.34	1.26
GW211PPB51	38.1 - 1.1/2	100	50.8	33.34	1.79
GW211PPB29	40.00	100	33.34	25.00	1.19
W211PPB30	40.00	100	33.34	33.34	1.21
GW211PPB50	40.00	100	50.95	33.34	1.77
W211PPB6	38.1 - 1.1/2	104.8	44.45	36.53	1.86
GW214PPB4	51.0 - 2.00	125	39.69	39.69	2.21
GW216PPB4	44.5 - 1.3/4	140	63.50	30.00	3.65
GW216PPB2	57.2 - 2.1/4	140	63.50	30.00	3.54



UBC

PLOUGH BEARINGS SQUARE BORE CYLINDRICAL OD



PART NO	d mm / inch	D mm	B mm	C mm	Wgt kg
W208PP6	25.4 - 1.00	80	36.53	18.00	0.79
W208PP9	25.4 - 1.00	80	36.53	30.18	0.85
W208PP5	28.6 - 1.1/8	80	36.53	18.00	0.67
W208PP20	28.6 - 1.1/8	80	36.53	18.00	0.85
W208PP8	28.6 - 1.1/8	80	36.53	30.18	0.75
GW208PP17	28.6 - 1.1/8	85.738	36.53	30.18	0.93
W210PP4	28.6 - 1.1/8	90	30.18	30.18	1.05
G/W211PP3	38.1 - 1.1/2	100	33.34	33.34	1.57
GW211PP17	38.1 - 1.1/2	100	44.45	33.34	1.65
W211PP29	40.00	100	33.34	25.00	1.19
W211PP30	40.00	100	33.34	33.34	1.27
GW211PP35	40.00	100	44.45	33.34	1.63
W211PP5	38.1 - 1.1/2	101.6	44.45	36.53	1.80
W211PP34	40.00	101.6	44.45	36.53	1.75
GW216PP2	57.2 - 2.1/4	140	63.50	30.00	3.54

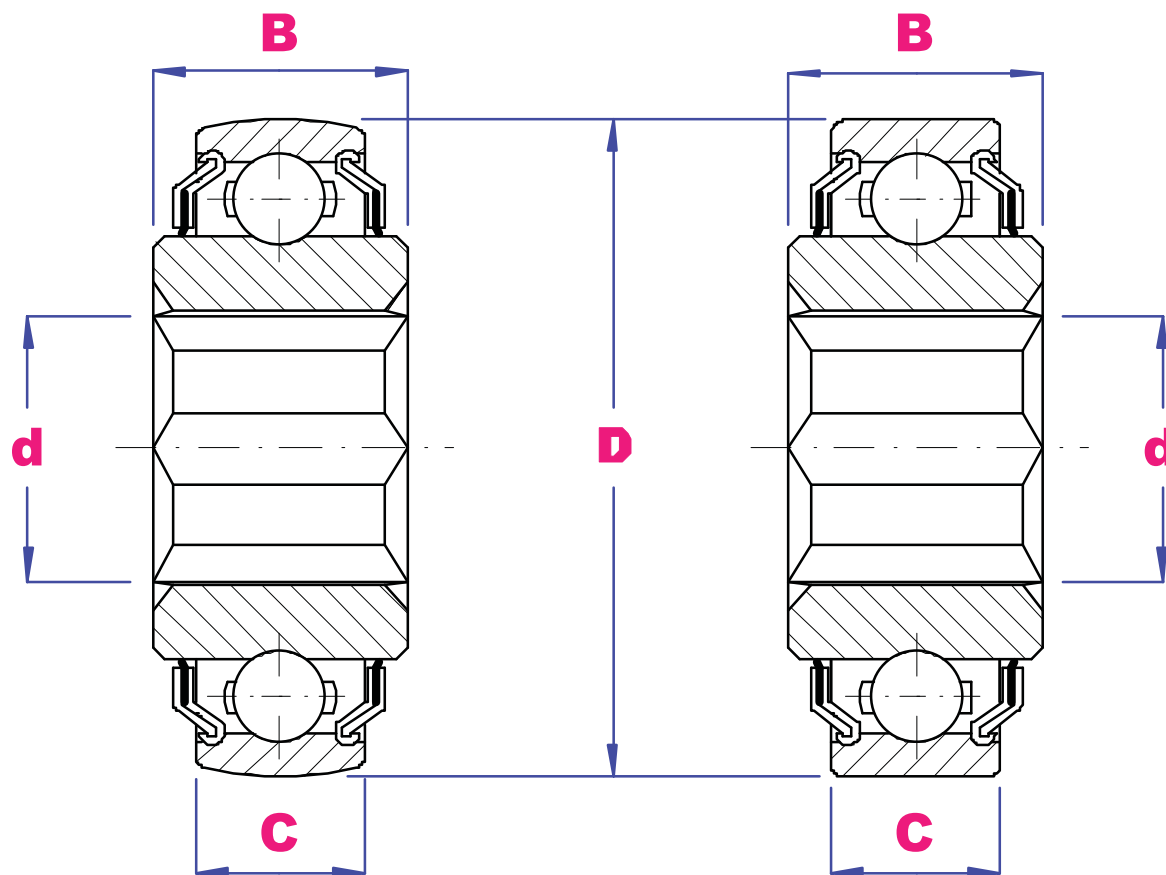


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PLOUGH BEARINGS HEXAGONAL BORE



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PART NO	d mm / inch	D mm	B mm	C mm	Wgt g
204KRR2	17.65 - 11/16	47	14	20.96	145
205KRR2	25.4 - 1.00	52	15	25.4	200
205KRRB2	25.4 - 1.00	52	15	25.4	200
206KRRB6	25.4 - 1.00	62	16	24.0	340
207KRRB9	28.6 - 1.1/8	72	17	37.7	454
207KRRB12	28.6 - 1.1/8	72	17	25.0	395
W208KRRB5	31.8 - 1.1/4	80	21	36.51	635
W208KRRB6	34.95 - 1.3/8	80	21	36.53	548
209KRRB2	38.1 - 1.1/2	85	19	30.0	576

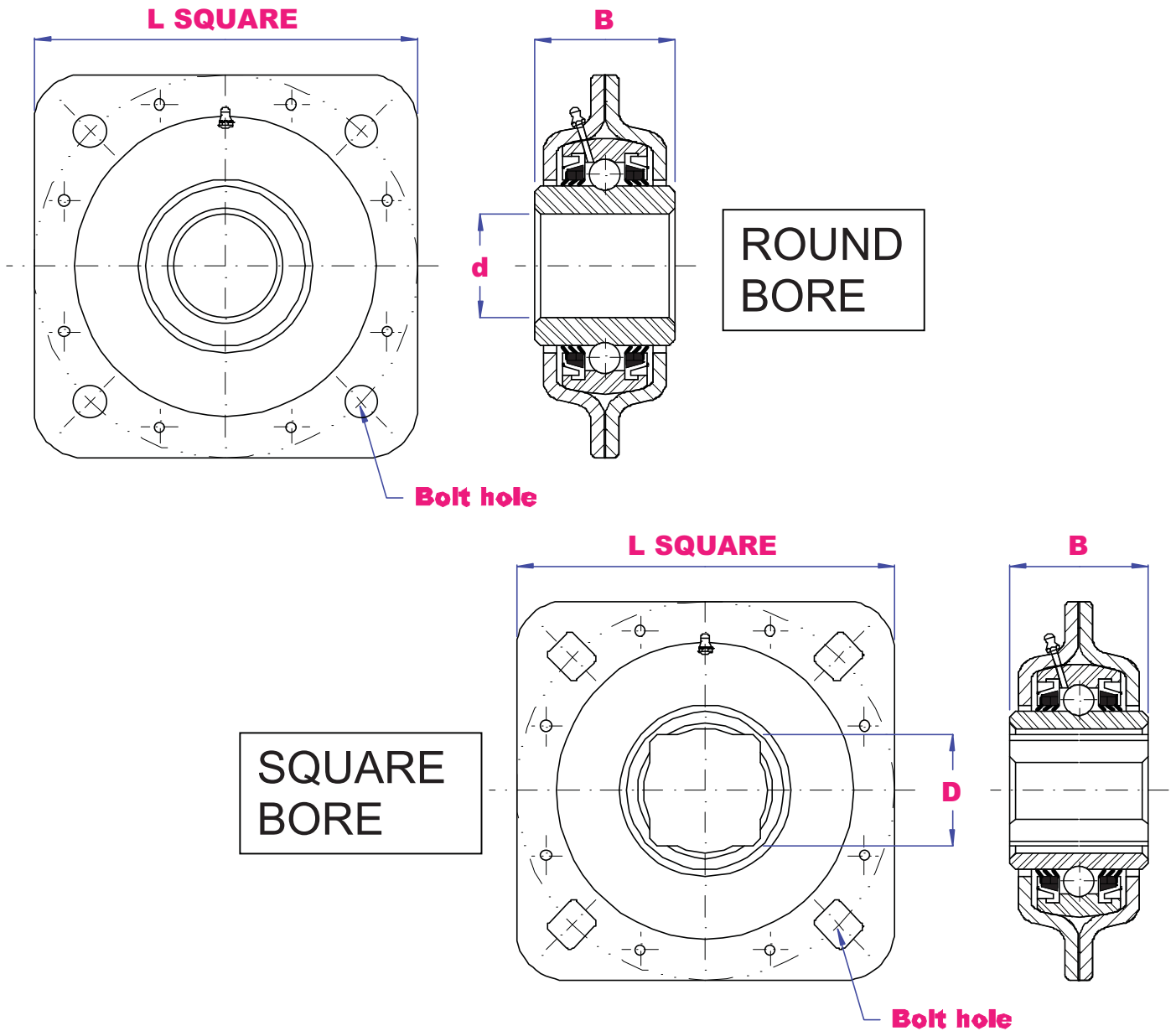


UBC

DHU

DISC HARROW

UNITS



PART NO	Bore Type	d	L mm	B mm	Bolt Hole	Wgt kg
DHU30S-209	Square	1.1/8	127	44.45	13.5	1.49
DHU1.3/4R-209	Round	1.3/4	127	44.45	13.5	1.34
DHU1.1/2S-211	Square	1.1/2	139.7	50.85	13.5x17.5	2.47
DHU40S-211	Square	40mm	139.7	50.85	13.5x15	2.34
DHU2.3/16R-211	Round	2.3/16	139.7	55.56	13.5	2.22

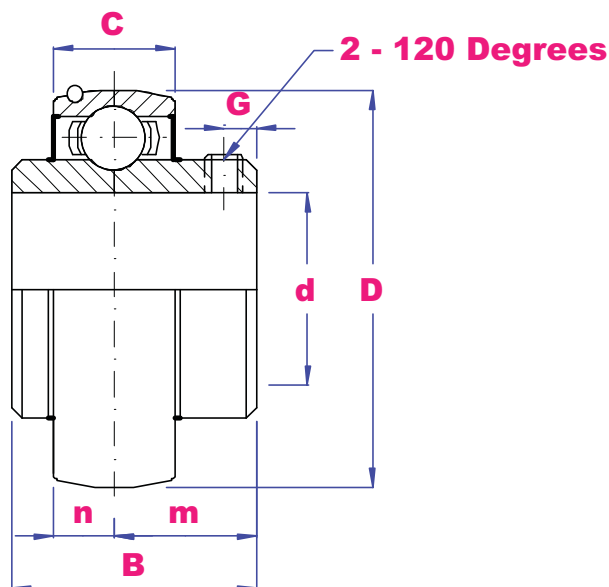


UBC

S-UC200 SERIES STAINLESS STEEL BEARING INSERTS



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PART NO	d	D mm	B mm	C mm	n mm	m mm	G mm	Load D-kN	Load S-kN	Max rpm	Wgt kg
S-UC203	17	40	27.4	14	11.5	15.9	4.5	5.36	3.79	6200	0.10
S-UC204	20	47	31	17	12.7	18.3	5	9.88	5.5	5500	0.17
S-UC205	25	52	34.1	17	14.3	19.8	5	10.78	6.98	4800	0.19
S-UC206	30	62	38.1	19	15.9	22.2	5	14.97	10.04	4200	0.31
S-UC207	35	72	42.9	20	17.5	25.4	7	19.75	13.67	3600	0.46
S-UC208	40	80	49.2	21	19	30.2	8	22.71	15.94	3000	0.63
S-UC209	45	85	49.2	22	19	30.2	10	24.36	17.71	2800	0.68
S-UC210	50	90	51.6	24	19	32.6	10	26.98	19.84	2400	0.78
S-UC211	55	100	55.6	25	22.2	33.4	10	33.37	25.11	2000	1.07
S-UC212	60	110	65.1	27	25.4	39.7	10	36.74	27.97	1900	1.51
S-UC213	65	120	65.1	29	25.4	39.7	10	44.11	34.18	1700	1.86
S-UC214	70	125	74.6	30	30.2	44.4	12	44.85	36.15	1600	2.05
S-UC215	75	130	77.8	30	33.3	44.5	12	52.32	39.15	1400	2.21

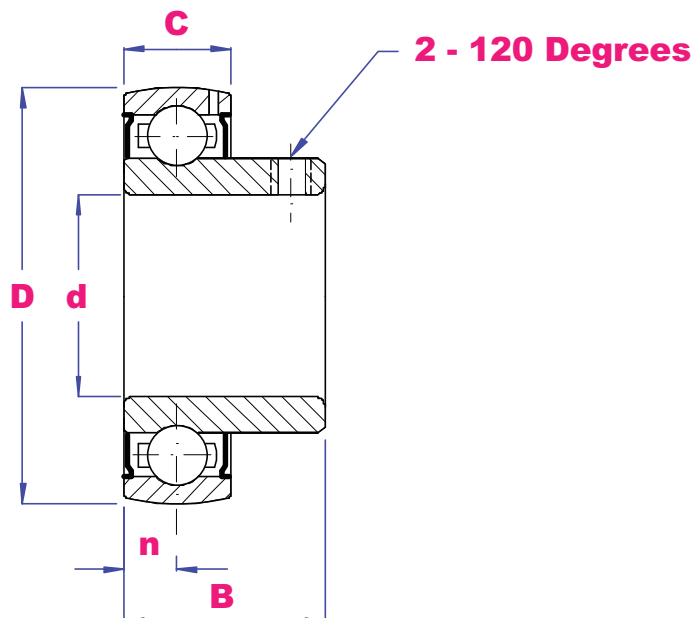
INCH BORES

S-UC203-10	5/8	40	27.4	14	11.5	15.9	4.5	5.36	3.79	6200	0.10
S-UC204-12	3/4	47	31	17	12.7	18.3	5	9.88	5.5	5500	0.17
S-UC205-14	7/8	52	34.1	17	14.3	19.8	5	10.78	6.98	4800	0.21
S-UC205-16	1										0.19
S-UC206-20	1.1/4	62	38.1	19	15.9	22.2	5	14.97	10.04	4200	0.31
S-UC207-20	1.1/4	72	42.9	20	17.5	25.4	7	19.75	13.67	3600	0.46
S-UC208-24	1.1/2	80	49.2	21	19	30.2	8	22.71	15.94	3000	0.63
S-UC209-28	1.3/4	85	49.2	22	19	30.2	10	24.36	17.71	2800	0.68
S-UC211-32	2	100	55.6	25	22.2	33.4	10	33.37	25.11	2000	1.07
S-UC212-36	2.1/4	110	65.1	27	25.4	39.7	10	36.74	27.97	1900	1.51
S-UC213-40	2.1/2	120	65.1	29	25.4	39.7	10	44.11	34.18	1700	1.86
S-UC215-48	3	130	77.8	30	33.3	44.5	12	52.32	39.15	1400	2.21



UBC

S-SB200 SERIES STAINLESS STEEL BEARING INSERT



PART NO	d	D mm	B mm	C mm	n mm	Load D-kN	Load S-kN	Max Rpm	Wgt kg
S-SB203-12MM	12	40	22	12	6	7.36	4.79	8000	0.08
S-SB203-15MM	15	40	22	12	6	7.36	4.79	8000	0.075
S-SB203	17	40	22	12	6	7.36	4.79	8000	0.07
S-SB204	20	47	25	14	7	12.81	6.65	6800	0.12
S-SB205	25	52	27	15	7.5	14.11	9.93	5700	0.16
S-SB206	30	62	30	16	8	19.49	11.31	4900	0.25
S-SB207	35	72	32	17	8.5	25.68	15.31	4100	0.38
S-SB208	40	80	34	18	9	29.12	19.84	3600	0.58
S-SB209	50	80	34	18	9	20.78	15.58	3900	0.38
S-SB210	50	90	42.5	20	10	35.05	23.18	3100	0.64

INCH BORES

S-SB203-8	1/2	40	22	12	6	7.36	4.79	8000	0.08
S-SB203-10	5/8								0.07
S-SB204-12	3/4	47	25	14	7	12.81	6.65	6800	0.13
S-SB205-14	7/8	52	27	15	7.5	14.11	9.93	5700	0.18
S-SB205-15	15/16								0.17
S-SB205-16	1								0.16
S-SB206-18	1.1/8	62	30	16	8	19.49	11.31	4900	0.26
S-SB206-19	1.3/16								0.25
S-SB206-20	1.1/4								0.24
S-SB207-20	1.1/4	72	32	17	8.5	25.68	15.31	4100	0.43
S-SB207-22	1.3/8								0.38
S-SB208-24	1.1/2	80	34	18	9	29.12	19.84	3600	0.60
S-SB209-28	1.3/4	85	34	18	9	20.78	15.58	3900	0.38
S-SB210-32	2	90	42.5	20	10	35.05	23.18	3100	0.64



UBC

WIDE INNER RING BEARING INTERCHANGE



UBC	ASAHI	NSK	NACHI	KOYO	NTN	RHP	SKF	DESCRIPTION
UC	UC	UC	UC	UC	UC	1000G	YAR	SPHERICAL OD GRUB SCREW WIR 2 SIDES
SB	B	UB	B	SB	AS	1200	UB	SPHERICAL OD GRUB SCREW WIR 1 SIDE
SA	KH	EN	FH	SA	AEL	1200EC	YET	SPHERICAL OD LOCK COLLAR WIR 1 SIDE
NA	FG/UG	EW	FG/HC	HA	UEL	1000ECG	YEL	SPHERICAL OD LOCK COLLAR WIR 2 SIDES
UR	SER	UR	ER	ER	UCS	1100G	ER	CYLINDRICAL OD GRUB SCREW WIR 2 SIDES
CSA	KHR	ENR		SAA	AELS	1300EC	ENR	CYLINDRICAL OD LOCK COLLAR WIR 1 SIDE
CSB		UBR		SBB	ASS	1300	UBR	CYLINDRICAL OD GRUB SCREW WIR 1 SIDE
UCX	UCX	UCX	UCX	UCX	UCX	1000G	UCX	SPHERICAL OD GRUB SCREW WIR 2 SIDES
UK	UK	UK	UK	UK	UK	1000KG	UK	SPHERICAL OD TAPER BORE
UK+HX	UKX	UKX	UKX	UKX	UKX		UKX	SPHERICAL OD TAPER BORE
UC-R3					UC-LLS	T1000G		SPHERICAL OD TRIPLE LIP SEAL WIR 2 SIDES



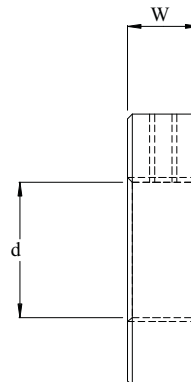
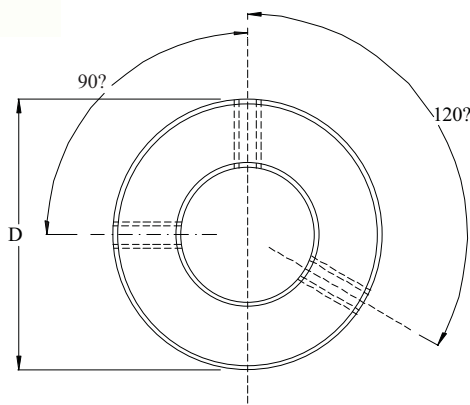
UBC

METRIC

SHAFT COLLARS



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SCM-06, 08, 10 GRUB SCREWS @ 120 DEG
SCM-12 – SCM-50 GRUB SCREWS @ 90 DEG

PART NO	d mm	D mm	W mm	Screw x 2	Weight gm
SCM-06	6	22.2	13.5	M5x0.8	36
SCM-08	8	22.2	13.5	M5x0.8	35
SCM-10	10	22.2	13.5	M5x0.8	32
SCM-12	12	28.6	13.5	M6x1	52
SCM-14	14	28.6	13.5	M6x1	50
SCM-16	16	28.6	13.5	M6x1	45
SCM-20	20	33.3	13.5	M6x1	56
SCM-22	22	38.1	13.5	M6x1	77
SCM-24	24	44.5	15.9	M8x1	130
SCM-25	25	44.5	15.9	M8x1	128
SCM-28	28	44.5	15.9	M8x1	113
SCM-30	30	44.5	15.9	M8x1	102
SCM-32	32	55.5	17.5	M8x1	214
SCM-35	35	55.5	17.5	M8x1	192
SCM-38	38	63.5	18.3	M10x1.25	238
SCM-40	40	63.5	18.3	M10x1.25	265
SCM-42	42	63.5	18.3	M10x1.25	247
SCM-45	45	69.9	18.3	M10x1.25	309
SCM-48	48	76.2	20.7	M10x1.25	431
SCM-50	50	76.2	20.7	M10x1.25	405
SCM-60	60	92	25.4	M12X1.5	555
SCM-65	65	101.5	25.4	M12X1.5	510
SCM-70	70	101.5	25.4	M12X1.5	825
SCM-75	75	101.5	25.4	M12X1.5	785

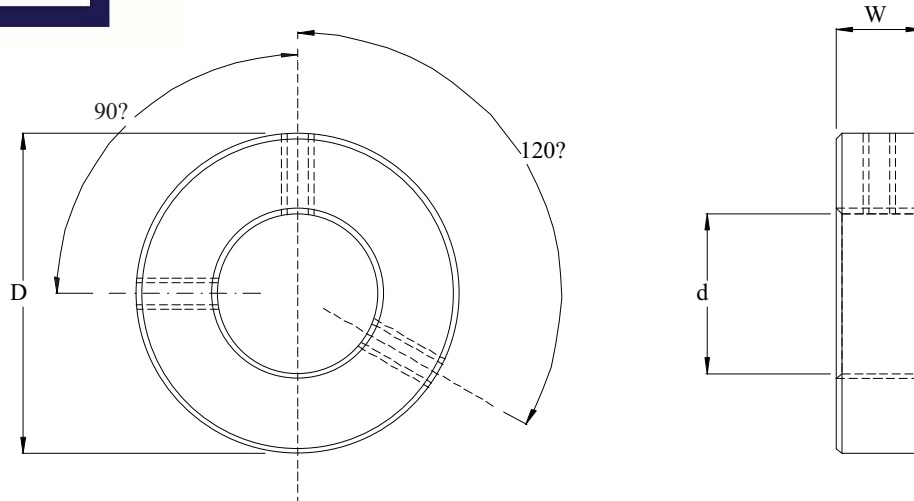
MATERIAL = MILD STEEL ZINC PLATED

TOLERANCE = d – 0.01 + 0.01mm
D – 0.1 + 0.1 mm
W – 0.1 + 0.1 mm



UBC

INCH SHAFT COLLARS



SCI-1/4, 5/16, 3/8 GRUB SCREWS @ 120 DEG
SCI-7/16 – SCI-2 GRUB SCREWS @90 DEG

PART NO	d in	D in	W mm	Screw x 2	Weight gm
SCI-1/4	0.25	0.875	13.5	M5X0.8	37
SCI-5/16	0.3125	0.875	13.5	M5X0.8	35
SCI-3/8	0.375	0.875	13.5	M5X0.8	32
SCI-7/16	0.4375	1.125	13.5	M6x1	55
SCI-1/2	0.50	1.125	13.5	M6x1	52
SCI-5/8	0.625	1.125	13.5	M6x1	45
SCI-3/4	0.75	1.312	13.5	M6x1	60
SCI-7/8	0.875	1.50	13.5	M6x1	76
SCI-1	1.00	1.75	15.9	M8x1	126
SCI-1.1/8	1.125	1.75	15.9	M8x1	110
SCI-1.1/4	1.25	2.187	17.5	M8x1	216
SCI-1.3/8	1.375	2.187	17.5	M8x1	193
SCI-1.1/2	1.5	2.37	18.3	M8x1	237
SCI-1.5/8	1.625	2.50	18.3	M8x1	253
SCI-1.3/4	1.75	2.75	18.3	M10x1.25	313
SCI-2	2.00	3.00	20.7	M10x1.25	398
SCI-2.1/4	2.25	3.375	25.4	M12X1.5	536
SCI-2.1/2	2.50	3.625	25.4	M12X1.5	645
SCI-3	3.00	4.00	25.4	M12X1.5	775

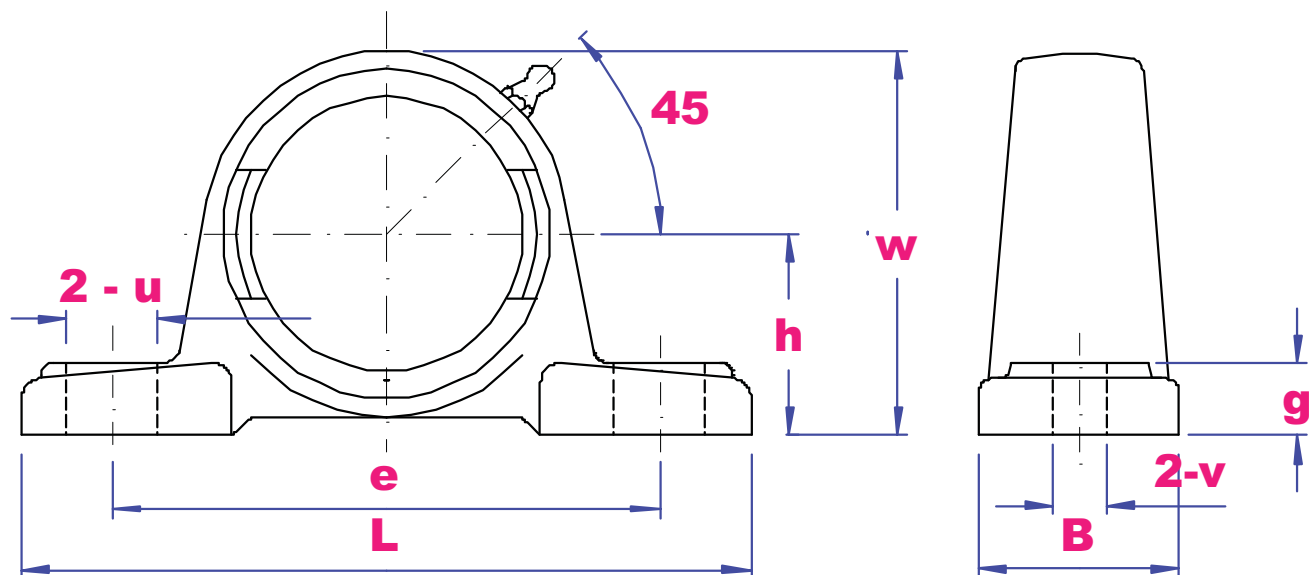
**MATERIAL = MILD STEEL ZINC
PLATED**

**TOLERANCE = d – 0.01 + 0.01mm
D – 0.1 + 0.1 mm
W – 0.1 + 0.1 mm**



UBC

P200 SERIES HOUSING



PART NO	h mm	L mm	e mm	B mm	v mm	u mm	g mm	w mm	Bolt mm	Wgt kg
P203	30.2	125	95	32	12	16	13	57	M10	0.60
P204	33.3	127	95	37	13	19	15	64	M10	0.53
P205	36.5	140	105	38	13	19	15	69.5	M10	0.57
P206	42.9	160	121	44	14	19	16	82	M12	0.94
P207	47.6	167	127	48	15	19	17	92	M12	1.09
P208	49.2	180	137	52	15	21	18	98	M12	1.27
P209	54	189	146	54	15	21	20	106	M12	1.52
P210	57.2	204	159	60	19	22	21	112	M16	1.97
P211	63.5	217	171	60	19	22	22	125	M16	2.23
P212	69.9	238	184	66	19	25	24	137	M16	3.19
P213	76.2	262	203	70	23	29	26	149	M20	3.74
P214	79.4	266	210	72	23	29	27	155	M20	4.55
P215	82.6	274	217	74	25	29	28	162	M20	5.09
P216	88.9	292	232	78	25	30	30	174	M20	6.21
P217	95.2	310	247	83	25	30	32	186	M20	7.42
P218	101.6	326	262	83	27	30	33	198	M22	8.54

SUITABLE BEARING SERIES UC200, UK200, NA200, SB200, SA200, CS200

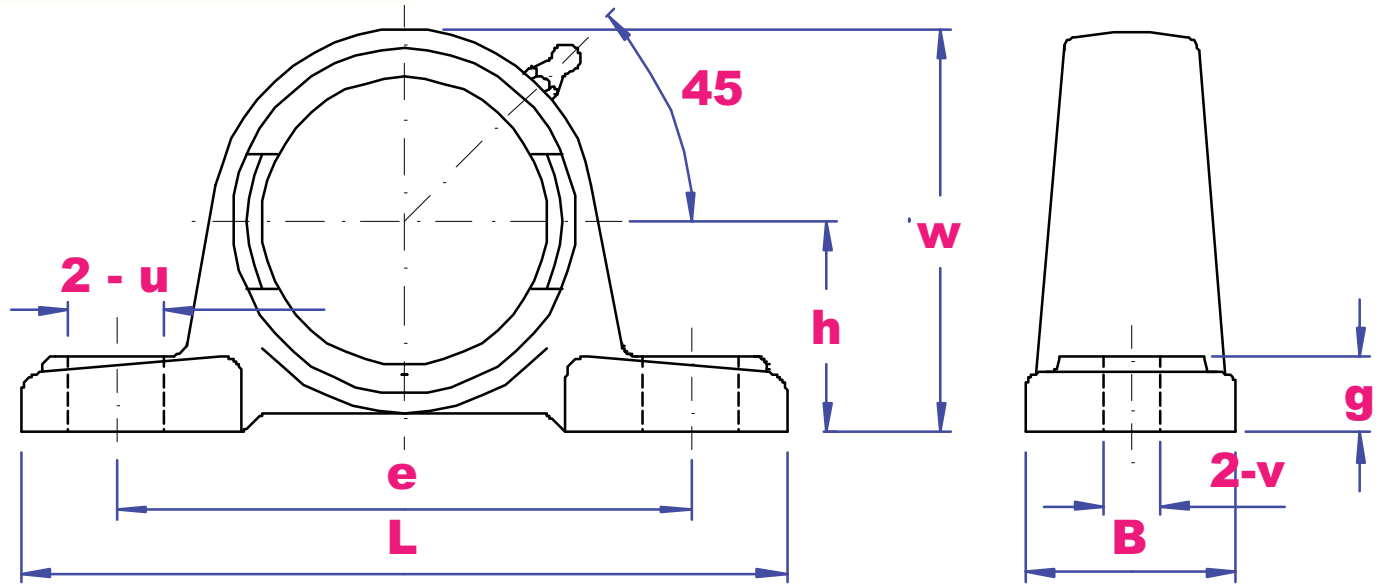
HOUSINGS P204 – P215 ARE AVAILABLE IN **304C** STAINLESS STEEL

AVAILABLE MACHINED FOR OPEN AND CLOSED COVERS, SUFFIX **M**.



UBC

PX00 SERIES HOUSING



PART NO	h mm	L mm	e mm	B mm	v mm	u mm	g mm	w mm	Bolt mm	Wgt kg
PX05	44.4	159	119	51	17	25	18	85	M14	1.13
PX06	47.6	175	127	57	17	25	20	94	M14	1.44
PX07	54	203	144	57	17	30	22	105	M14	1.96
PX08	58.7	222	156	67	20	32	26	113	M16	2.70
PX09	58.7	222	156	67	20	33	26	116	M16	2.58
PX10	63.5	241	171	73	20	36	27	126	M16	2.99
PX11	69.8	260	184	79	25	36	30	139	M20	4.18
PX12	76.2	286	203	83	25	41	32	151	M20	5.23
PX13	76.2	286	203	83	25	41	32	154	M20	5.07
PX14	88.9	330	229	89	27	51	35	172	M22	8.53
PX15	88.9	330	229	89	27	51	35	177	M22	8.18
PX16	101.6	381	283	102	27	59	42	197	M22	13.59
PX17	101.6	381	283	102	27	59	42	202	M22	12.27
PX18	101.6	381	283	111	27	60	45	206	M22	11.51
PX20	127	432	337	121	33	64	52	250	M27	23.96

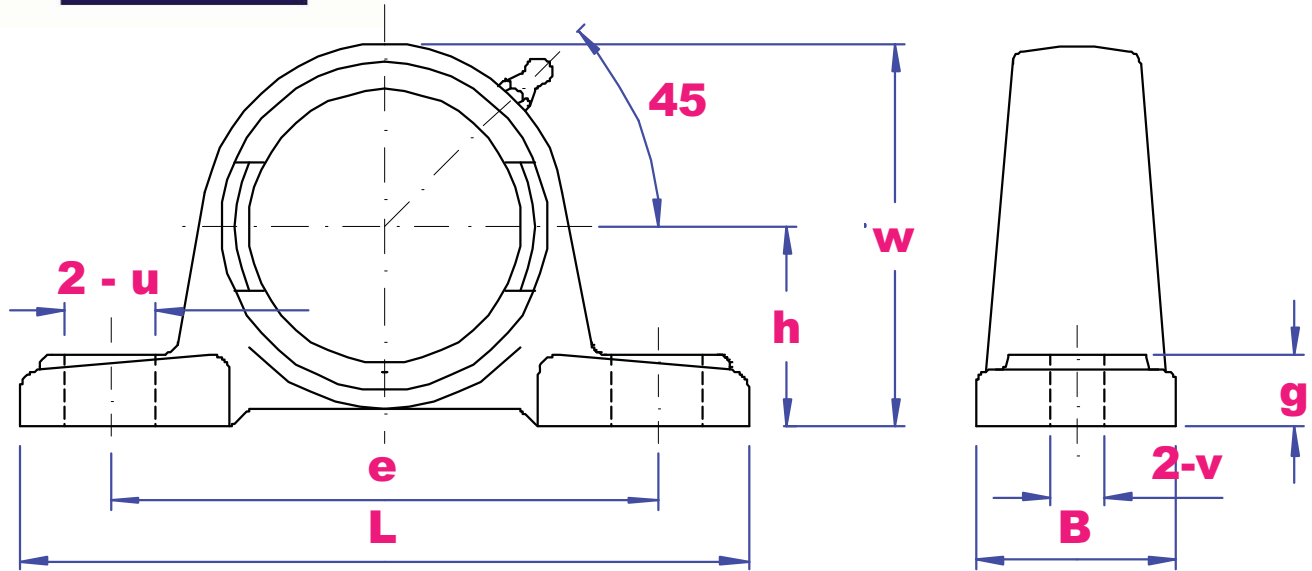
SUITABLE BEARING SERIES – UCX, UK200+HX2300

AVAILABLE MACHINED FOR OPEN AND CLOSED COVERS, SUFFIX M.



UBC

P300 SERIES HOUSING



PART NO	h mm	L mm	e mm	B mm	v mm	u mm	g mm	w mm	Bolt mm	Wgt kg
P305	45	175	132	45	17	20	16	85	M14	0.96
P306	50	180	140	50	17	20	18	95	M14	1.24
P307	56	210	160	56	17	25	20	106	M14	2.09
P308	60	220	170	60	17	27	22	116	M14	2.08
P309	67	245	190	67	20	30	24	129	M16	2.82
P310	75	275	212	75	20	35	27	143	M16	4.35
P311	80	310	236	80	20	38	30	154	M16	5.33
P312	85	330	250	85	25	38	32	165	M20	6.81
P313	90	340	260	90	25	38	35	176	M20	6.85
P314	95	360	280	90	27	40	35	187	M22	8.17
P315	100	380	290	100	27	40	35	198	M22	9.41
P316	106	400	300	110	27	40	40	210	M22	12.60
P317	112	420	320	110	33	45	40	220	M27	13.42
P318	118	430	330	110	33	45	45	235	M27	16.66
P319	125	470	360	120	36	50	50	250	M30	17.80
P320	140	490	380	120	36	50	55	275	M30	23.50
P321	140	490	380	120	36	50	55	278	M30	24.40
P322	150	520	400	140	40	55	60	295	M33	28.20
P324	160	570	450	140	40	55	70	321	M33	35.00
P326	180	600	480	140	40	55	80	354	M33	49.10
P328	200	620	500	140	40	55	80	388	M33	60.60

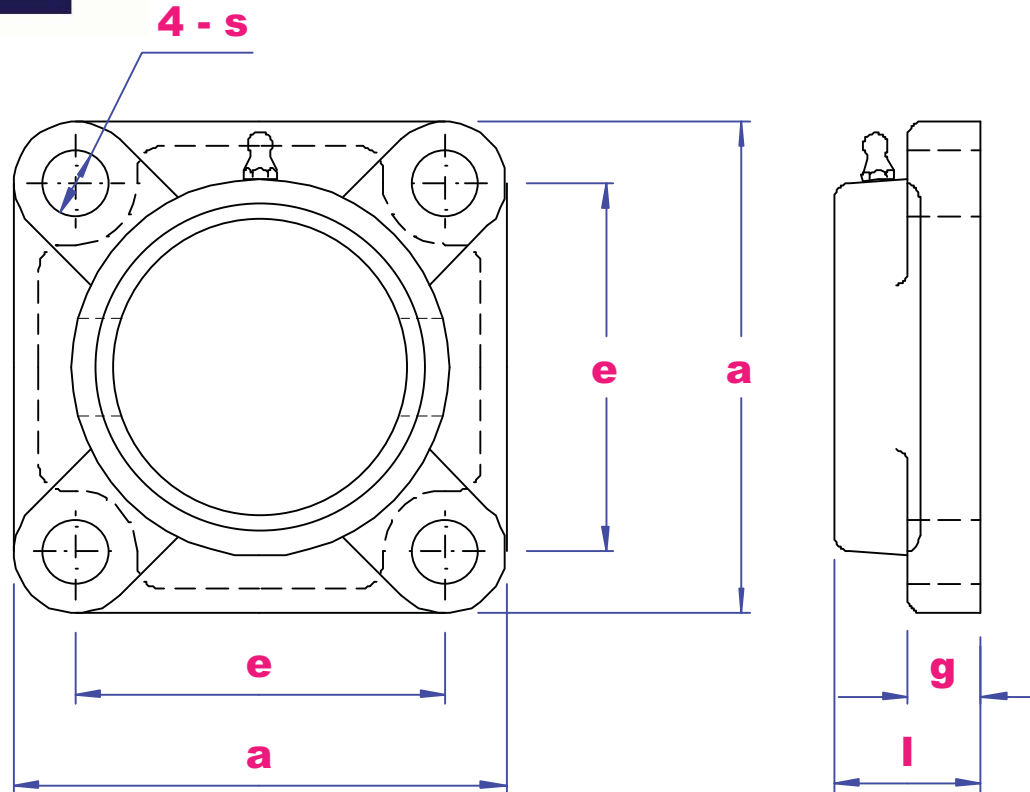
SUITABLE BEARING SERIES UC300, UK300

AVAILABLE MACHINED FOR OPEN AND CLOSED COVERS, SUFFIX M.



UBC

F200 SERIES HOUSING



PART NO	a mm	e mm	g mm	l mm	s mm	Bolt mm	Wgt kg
F203	76	54	11	25.5	12	M10	0.51
F204	86	64	11	25.5	12	M10	0.44
F205	95	70	13	27	12	M10	0.61
F206	108	83	13	31	12	M10	0.69
F207	117	92	15	34	14	M12	0.94
F208	130	102	15	36	16	M14	1.17
F209	137	105	16	38	16	M14	1.52
F210	143	111	16	40	16	M14	1.62
F211	162	130	18	43	19	M16	2.43
F212	175	143	18	48	19	M16	2.69
F213	187	149	22	50	19	M16	3.44
F214	193	152	22	54	19	M16	3.85
F215	200	159	22	56	19	M16	4.09
F216	208	165	22	58	23	M20	4.51
F217	220	175	24	63	23	M20	5.52
F218	235	187	25	68	23	M20	7.14

SUITABLE BEARING SERIES - UC200, NA200, UK200, SB200, SA200, CS200

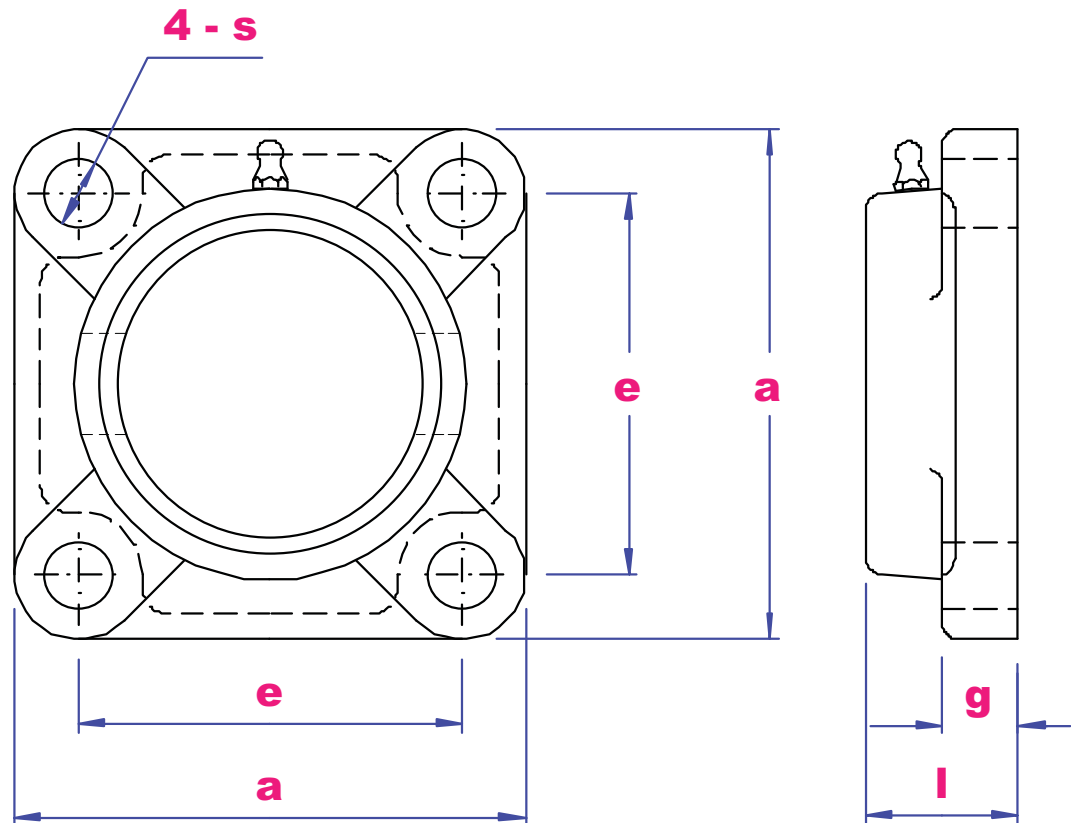
HOUSINGS F204 - F215 ARE AVAILABLE IN **304C** STAINLESS STEEL

AVAILABLE MACHINED FOR OPEN AND CLOSED COVERS, SUFFIX **M**.



UBC

FX00 SERIES HOUSING



PART NO	a mm	e mm	g mm	l mm	s mm	Bolt mm	Wgt kg
FX05	108	83	13	30	12	M10	0.73
FX06	117	92	14	34	16	M14	0.84
FX07	130	102	14	38	16	M14	1.06
FX08	137	105	14	40	19	M16	1.00
FX09	143	111	14	40	19	M16	1.48
FX10	162	130	20	44	19	M16	2.39
FX11	175	143	20	49	19	M16	2.78
FX12	187	149	21	59	19	M16	3.33
FX13	187	149	21	59	19	M16	3.17
FX14	197	152	24	60	23	M20	5.13
FX15	197	152	24	68	23	M20	4.48
FX16	214	171	24	70	23	M20	6.39
FX17	214	171	24	70	23	M20	5.37
FX18	214	171	24	76	23	M20	5.11
FX20	268	211	31	97	31	M27	7.76

SUITABLE BEARING SERIES UCX00, UK200 + HX2300

AVAILABLE MACHINED FOR OPEN AND CLOSED COVERS, SUFFIX M.

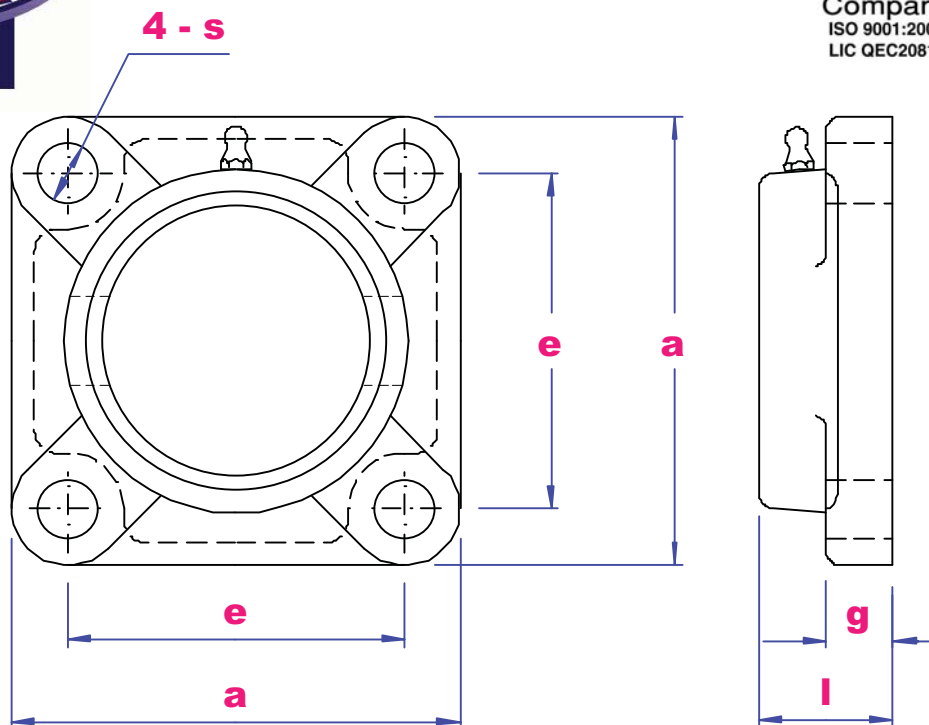


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F300 SERIES HOUSING



Quality
Endorsed
Company
ISO 9001:2000
LIC QEC20818



PART NO	a mm	e mm	g mm	l mm	s mm	Bolt mm	Wgt kg
F305	110	80	13	29	16	M14	0.76
F306	125	95	15	32	16	M14	1.24
F307	135	100	16	36	19	M16	1.49
F308	150	112	17	40	19	M16	1.90
F309	160	125	18	44	19	M16	2.22
F310	175	132	19	48	23	M20	3.15
F311	185	140	20	52	23	M20	3.53
F312	195	150	22	56	23	M20	4.11
F313	208	166	22	58	23	M20	4.65
F314	226	178	25	61	25	M22	6.27
F315	236	184	25	66	25	M22	6.51
F316	250	196	27	68	31	M27	7.40
F317	260	204	27	74	31	M27	8.82
F318	280	216	30	76	35	M30	11.66
F319	290	228	30	94	35	M30	12.00
F320	310	242	32	94	38	M33	14.00
F322	340	266	35	96	41	M36	20.40
F324	370	290	40	110	41	M36	28.70
F326	410	320	45	115	41	M36	39.70
F328	450	350	55	125	41	M36	58.50

SUITABLE BEARING SERIES - UC300, UK300

AVAILABLE MACHINED FOR OPEN AND CLOSED COVERS, SUFFIX **M**.

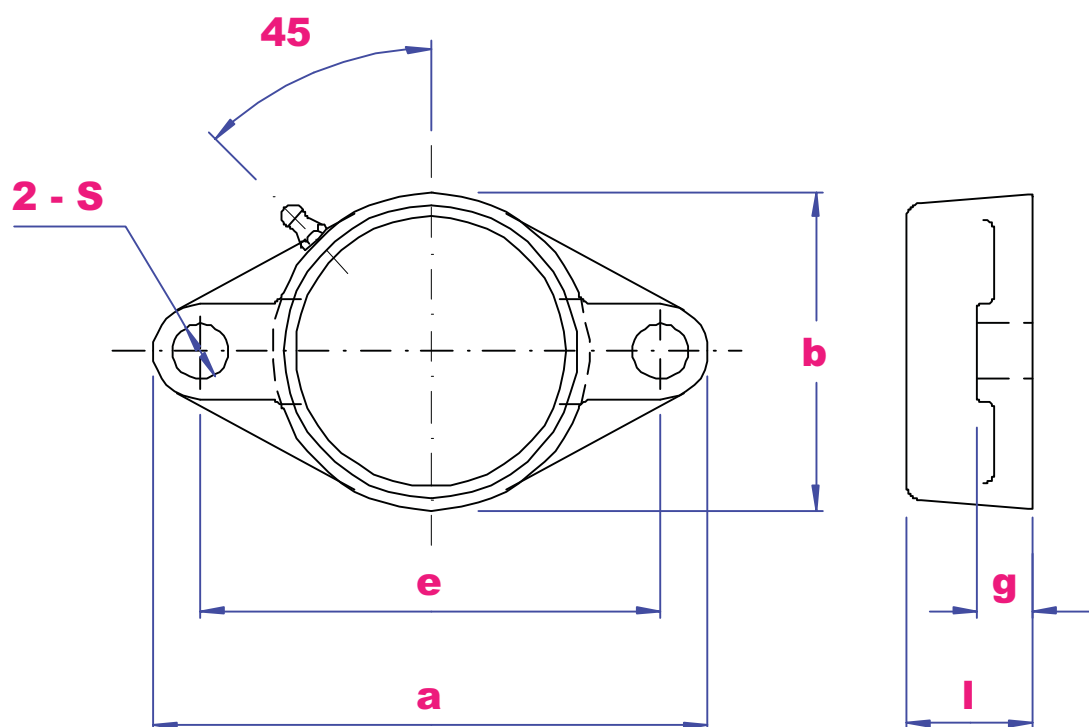


UBC

FL200 SERIES HOUSING



Quality
Endorsed
Company
ISO 9001:2000
LIC QEC20818



PART NO	a mm	e mm	g mm	l mm	s mm	b mm	Bolt mm	Wgt kg
FL203	99	76.5	11	25.5	11.5	57	M10	0.27
FL204	113	90	11	25.5	12	60	M10	0.28
FL205*	130	99	13	27	12/16	68	M14	0.47
FL206*	148	117	13	31	12/14/16	80	M14	0.55
FL207*	161	130	15	34	14/16	90	M14	0.69
FL208*	175	144	15	36	14/16	100	M14	0.83
FL209	188	148	16	38	19	108	M16	1.17
FL210	197	157	16	40	19	115	M16	1.20
FL211	224	184	18	43	23	130	M16	1.83
FL212	250	202	18	48	23	140	M20	2.19
FL213	258	210	22	50	23	155	M20	2.90
FL214	265	216	22	54	23	160	M20	3.25
FL215	275	225	22	56	23	165	M20	3.64
FL216	290	233	22	58	25	180	M22	4.21
FL217	305	248	24	63	25	190	M22	6.42
FL218	320	265	24	68	25	205	M22	7.94

SUITABLE BEARING SERIES- UC200, NA200, UK200, SB200, SA200, CS200

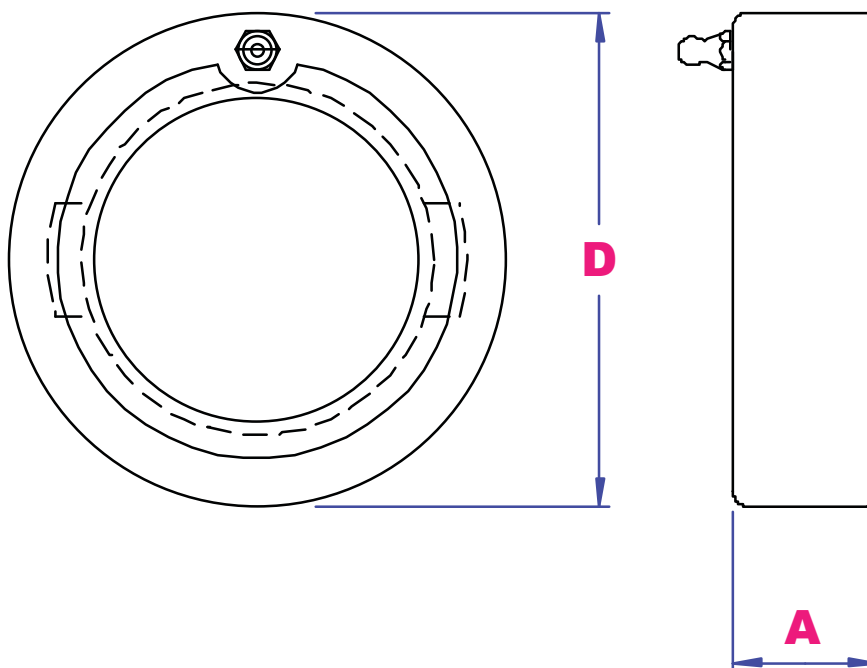
HOUSINGS FL204 – FL212 ARE AVAILABLE IN **304C** STAINLESS STEEL

AVAILABLE MACHINED FOR OPEN AND CLOSED COVERS, SUFFIX **M**.



UBC

C200 SERIES HOUSING



PART NO	D mm	A mm	Wgt kg
C204	72	20	0.32
C205	80	22	0.46
C206	85	27	0.51
C207	90	28	0.47
C208	100	30	0.62
C209	110	31	0.85
C210	120	33	1.15
C211	125	35	1.07
C212	130	38	1.01
C213	140	40	1.11

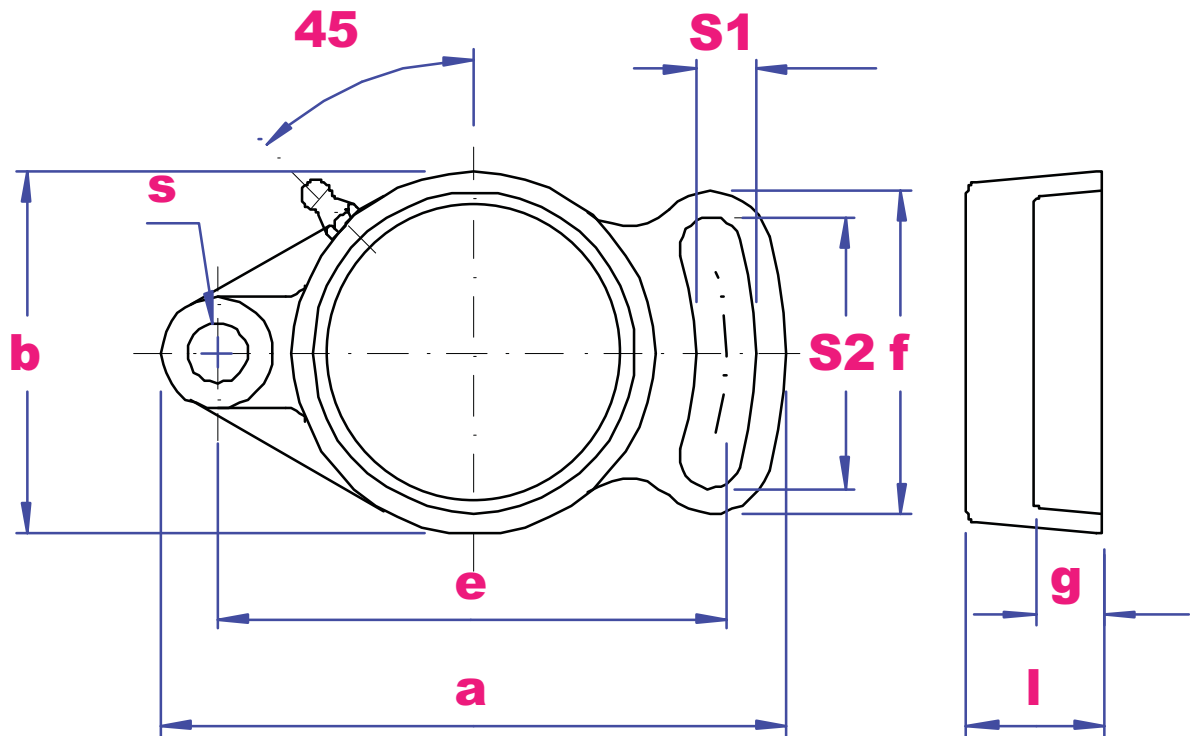
SUITABLE BEARING SERIES - UC200, NA200, UK200, SB200, SA200, CS200.

AVAILABLE MACHINED FOR OPEN AND CLOSED COVERS, SUFFIX **M**.



UBC

FA200 SERIES HOUSING



PART NO	a mm	e mm	g mm	l mm	S/S1 mm	S2 mm	b mm	f mm	Bolt mm	Wgt kg
FA204	98	78	12	25	10	40	60	54	M8	0.29
FA205	125	98	14	27	12	51	68	65	M10	0.50
FA206	144	117	14	31	12	58	80	72	M10	0.69
FA207	161	130	16	34	15	66	90	82	M12	1.04
FA208	175	144	16	36	15	71	100	87	M12	1.17
FA209	181	148	18	38	15	72	108	90	M14	1.42
FA210	190	157	18	40	15	76	115	94	M14	1.52
FA211	219	184	20	43	16	86	130	104	M14	2.53

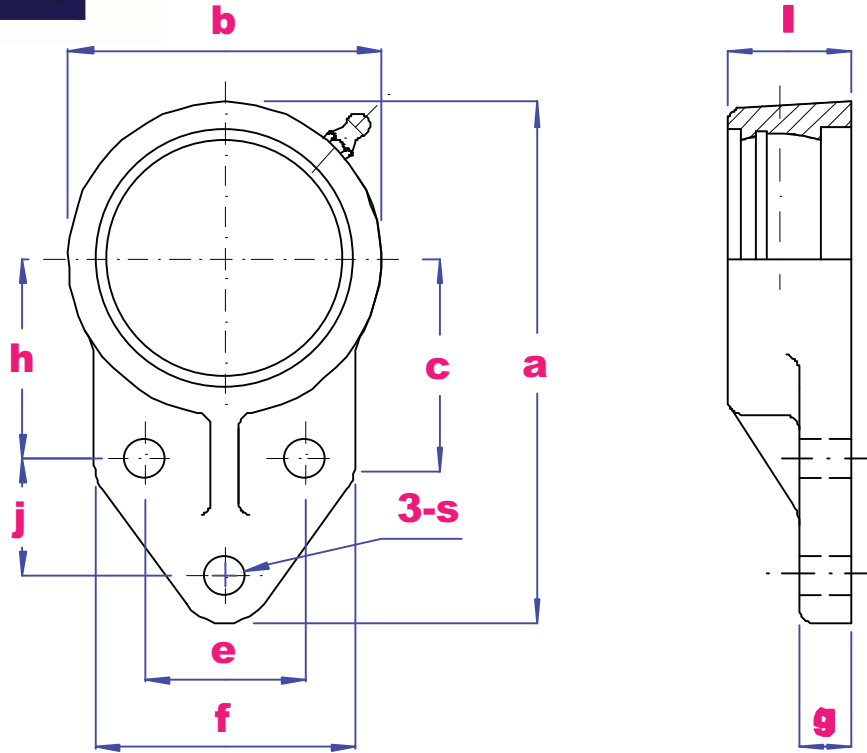
SUITABLE BEARING SERIES- UC200, NA200, UK200, SB200, SA200, CS200.

AVAILABLE MACHINED FOR OPEN AND CLOSED COVERS, SUFFIX **M**.



UBC

FB200 SERIES HOUSING



PART NO	a mm	h mm	e mm	j mm	g mm	l mm	c mm	s mm	b mm	f mm	Bolt mm	Wgt kg
FB204	110	42	32	27	13	25.5	52	10	62	52	M8	0.45
FB205	116	45	34	27	13	27	52	10	68	56	M8	0.50
FB206	130	50	40	29	13	31	55	10	78	65	M8	0.62
FB207	144	55	46	32	15	34	62	10	90	70	M8	0.84
FB208	164	60	50	41	16	36	72	12	100	78	M10	1.17
FB209	174	65	54	43	18	38	76	12	106	80	M10	1.32
FB210	184	68	58	46	18	40	82	12	112	86	M10	1.52

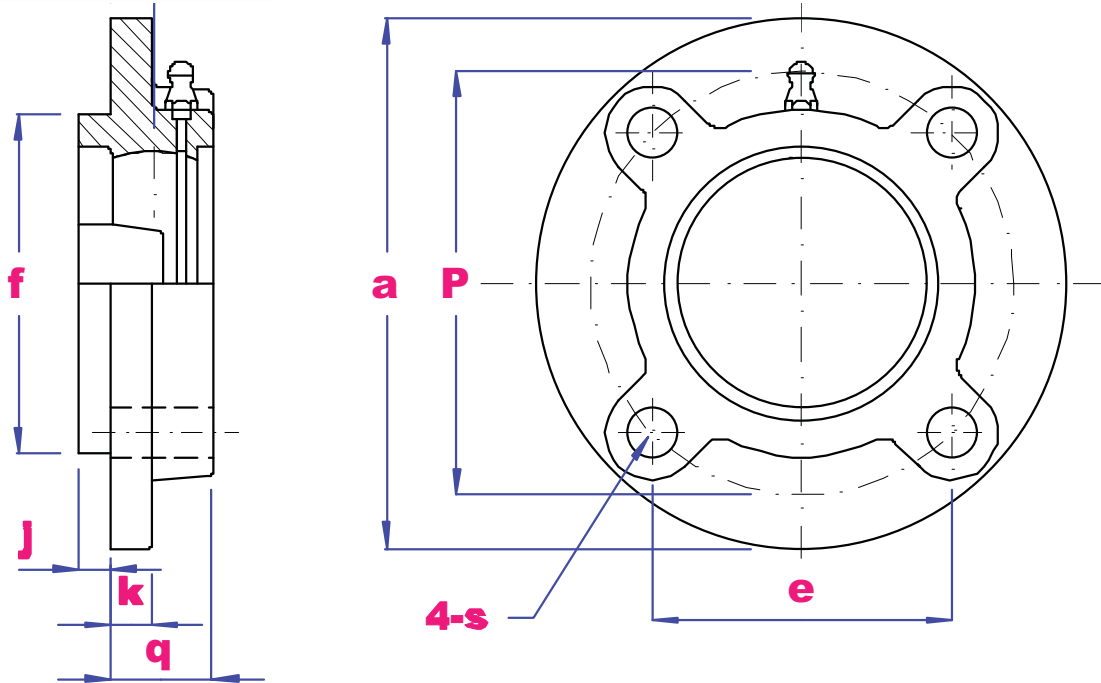
SUITABLE BEARING SERIES- UC200, NA200, UK200, SB200, SA200, CS200.

AVAILABLE MACHINED FOR OPEN AND CLOSED COVERS, SUFFIX **M**.



UBC

FC200 SERIES HOUSING



PART NO	A mm	P mm	e mm	s mm	J mm	k mm	q mm	f mm	Bolt mm	Wgt kg
FC204	100	78	55.1	12	5	7	20.5	62	M10	0.58
FC205	115	90	63.6	12	6	7	21	70	M10	0.81
FC206	125	100	70.7	12	8	8	23	80	M10	0.99
FC207	135	110	77.8	14	8	9	26	90	M12	1.29
FC208	145	120	84.8	14	10	9	26	100	M12	1.37
FC209	160	132	93.3	16	12	14	26	105	M14	1.82
FC210	165	138	97.6	16	12	14	28	110	M14	2.17
FC211	185	150	106.1	19	12	15	31	125	M16	2.93
FC212	195	160	113.1	19	12	15	36	135	M16	3.39
FC213	205	170	120.2	19	14	15	36	145	M16	3.49
FC214	215	177	125.1	19	14	18	40	150	M16	4.85
FC215	220	184	130.1	19	16	18	40	160	M16	5.29
FC216	240	200	141.4	23	16	18	42	170	M20	5.91
FC217	250	208	147.1	23	18	20	45	180	M20	6.92
FC218	265	220	155.5	23	18	20	50	190	M20	9.04

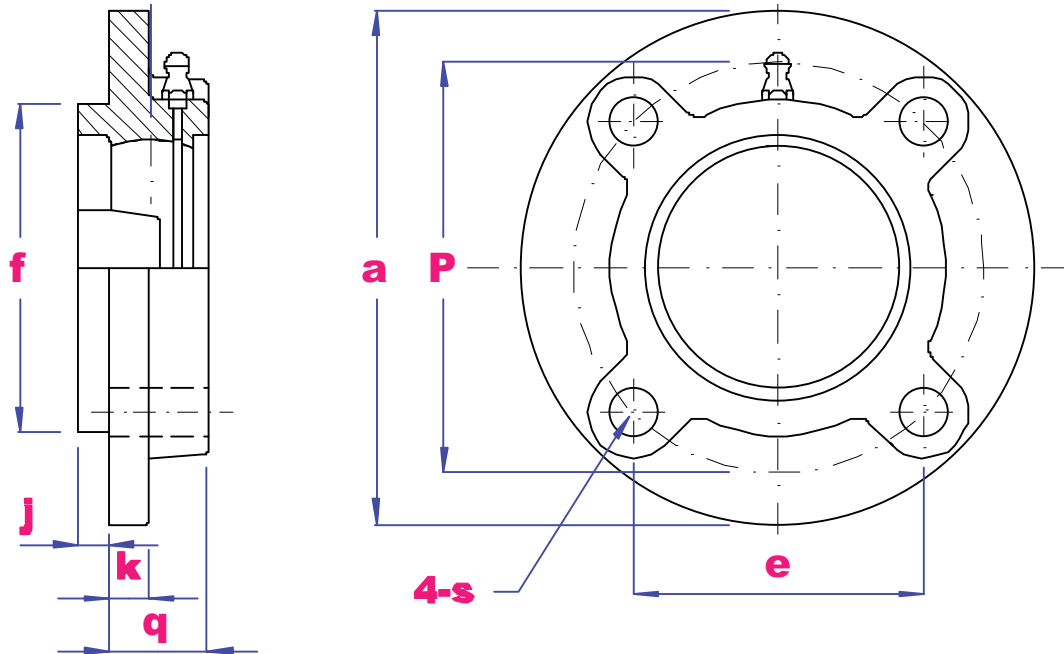
SUITABLE BEARING SERIES- UC200, NA200, UK200, SB200, SA200, CS200.

AVAILABLE MACHINED FOR OPEN AND CLOSED COVERS, SUFFIX **M**.



UBC

FCX00 SERIES HOUSING



PART NO	a mm	P mm	e mm	s mm	J mm	k mm	q mm	f mm	Bolt mm	Wgt kg
FCX05	111	92	65	9.5	6	9.5	24	76	M8	0.83
FCX06	127	105	74.2	12	9.5	9.5	22.5	85	M10	1.04
FCX07	133	111	78.5	12	11	11	26	92	M10	1.16
FCX08	133	111	78.5	12	11	11	26	92	M10	1.21
FCX09	155	130	91.9	14	12	11	25	108	M12	1.68
FCX10	162	136	96.2	14	16	11	25	118	M12	1.99
FCX11	180	152	107.5	16	22	13	26	127	M14	2.58
FCX12	194	165	116.7	16	20	14	33	140	M14	3.33
FCX13	194	165	116.7	16	20	14	33	140	M14	3.37
FCX14	222	190	134.3	19	20	14	36	164	M16	4.73
FCX15	222	190	134.3	19	22	16	35	164	M16	4.78
FCX16	260	219	154.8	23	25	19	36	186	M20	7.49
FCX17	260	219	154.8	23	25	19	36	186	M20	8.07
FCX18	260	219	154.8	23	28	19	43	186	M20	7.41
FCX20	276	238	168.3	23	28	22	66	206	M20	6.96

SUITABLE BEARING SERIES- UCX00, UK200+HX2300.

AVAILABLE MACHINED FOR OPEN AND CLOSED COVERS, SUFFIX M.

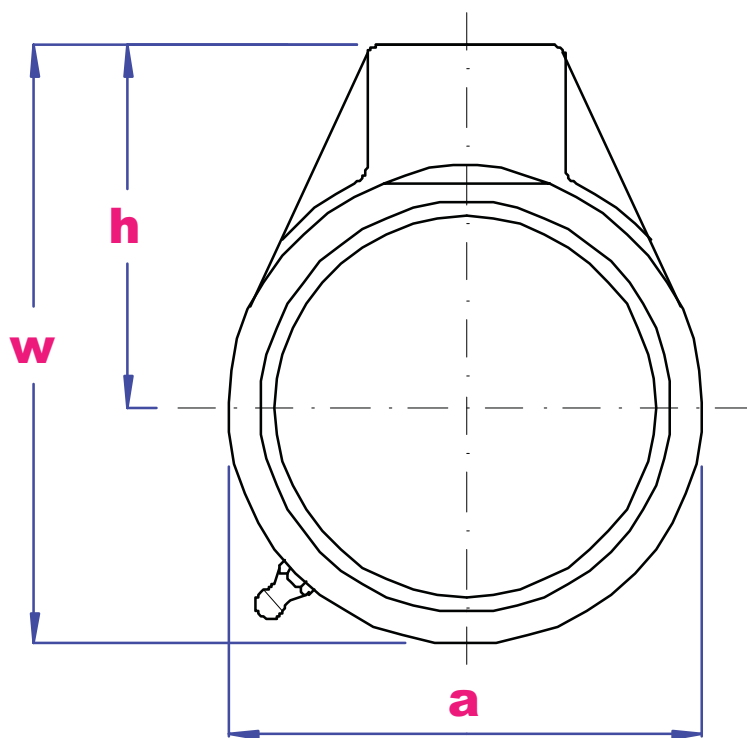
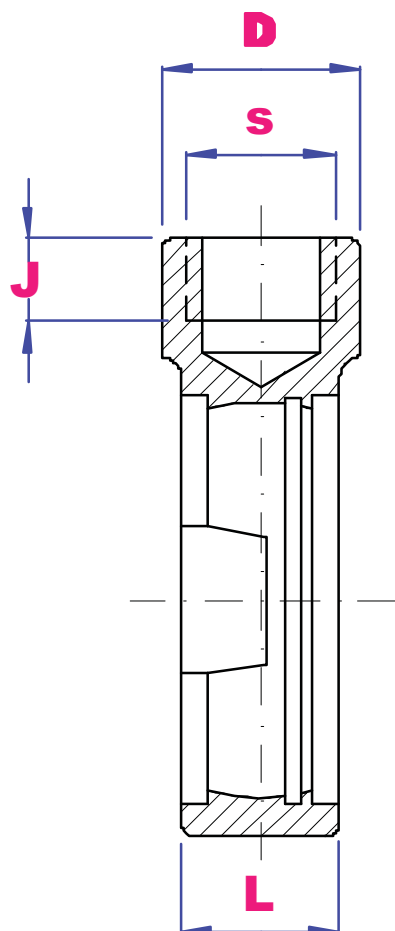


UBC

HA200 SERIES HOUSING



Quality
Endorsed
Company
ISO 9001:2000
LIC QEC20818



PART NO	a mm	w mm	h mm	D mm	s	J mm	L mm	Wgt kg
HA204	64	96	64	40	3/4"bsp	19	21	0.53
HA205	70	103	64	40	3/4"bsp	19	24	0.55
HA206	78	103	64	40	3/4"bsp	19	28	0.60
HA207	92	116	70	40	3/4"bsp	19	30	0.73
HA208	96	121	73	40	3/4"bsp	19	33	0.73
HA209	108	136	82	48	1"bsp	21	35	1.10
HA210	118	142	83	48	1"bsp	21	37	1.15
HA211	126	150	87	60	1.1/4"bsp	25	38	2.43
HA212	142	173	102	60	1.1/4"bsp	28	42	2.39
HA213	166	200	117	70	1.1/2"bsp	32	44	2.86

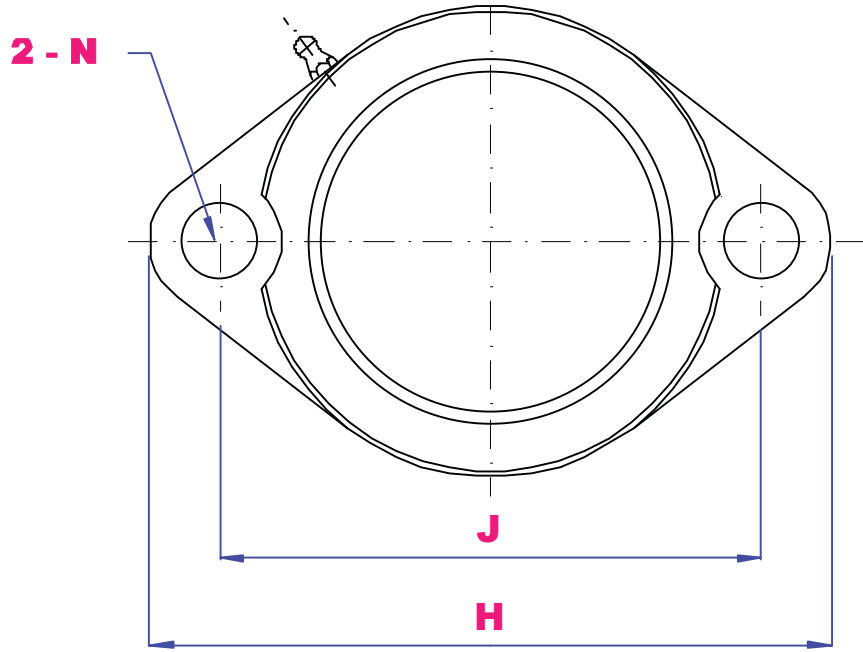
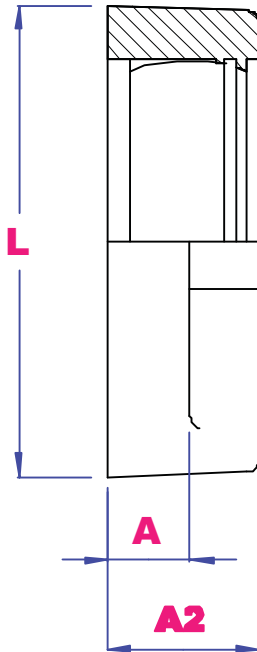
SUITABLE BEARING SERIES UC200, NA200, UK200, SB200, SA200, CS200.

AVAILABLE MACHINED FOR OPEN AND CLOSED COVERS, SUFFIX M.



UBC

LF200 SERIES HOUSING



PART NO	H mm	J mm	L mm	A2 mm	A mm	N mm	Bolt mm	Wgt kg
LF203	81	63.5	56	9.5	18	8	M6	0.15
LF204	90	71.5	61	11	20	10	M8	0.18
LF205	95	76	64	11	20	10	M8	0.20
LF206	113	90.5	76	12	22.5	12	M10	0.30
LF207	122	100	89	13	24	12	M10	0.35
LF208	149	119	105	13	24	14	M12	0.68

SUITABLE BEARING SERIES – SA200, SB200, CS200.

AVAILABLE MACHINED FOR OPEN AND CLOSED COVERS, SUFFIX **M**.

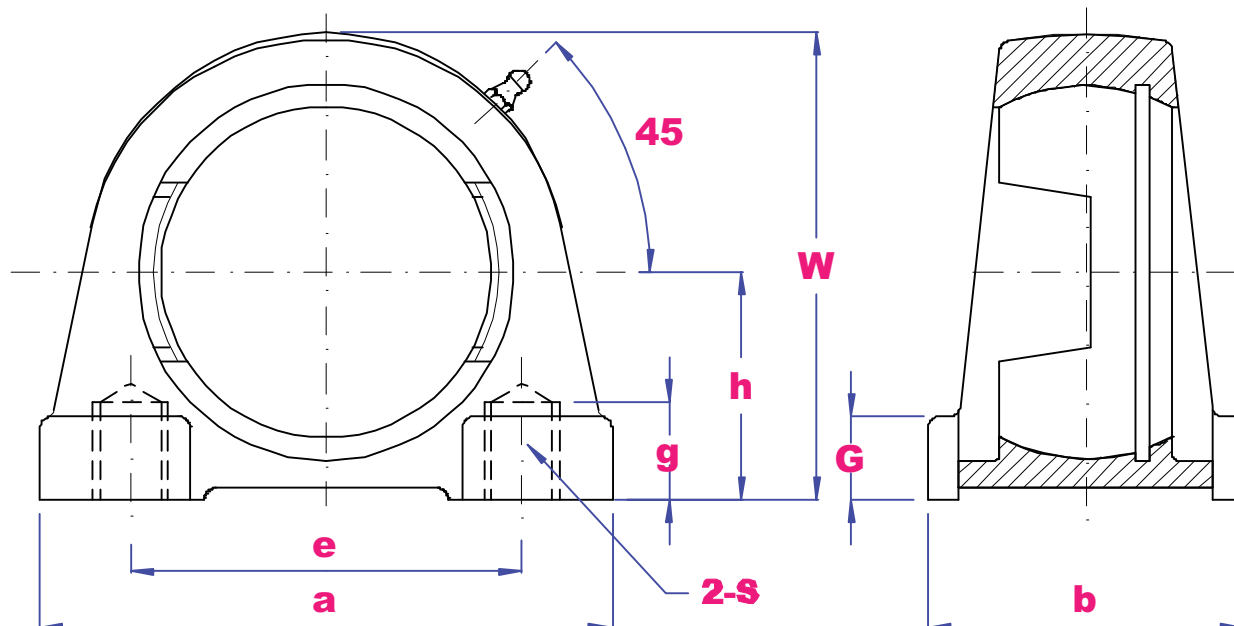


UBC

PA200 SERIES HOUSING



Quality
Endorsed
Company
ISO 9001:2000
LIC QEC20818



PART NO	h mm	a mm	e mm	b mm	G mm	g mm	w mm	S mm	Wgt kg
PA204	30.2	76	52	38	13	11	62	M10	0.43
PA205	36.5	84	56	38	15	12	72	M10	0.62
PA206	42.9	94	66	48	18	12	84	M14	0.89
PA207	47.6	110	80	48	20	13	95	M14	1.24
PA208	49.2	116	84	54	20	13	100	M14	1.27
PA209	54.2	120	90	54	25	13	108	M14	1.52
PA210	57.2	130	94	60	25	14	116	M16	1.82
PA211	63.5	140	104	66	25	14	125	M16	1.93
PA212	69.9	150	114	68	25	14	138	M16	2.73
PA213	76.2	160	124	70	25	15	150	M16	4.37

SUITABLE BEARING SERIES UC200, NA200, UK200, SB200, SA200, CS200

AVAILABLE MACHINED FOR OPEN AND CLOSED COVERS, SUFFIX M.

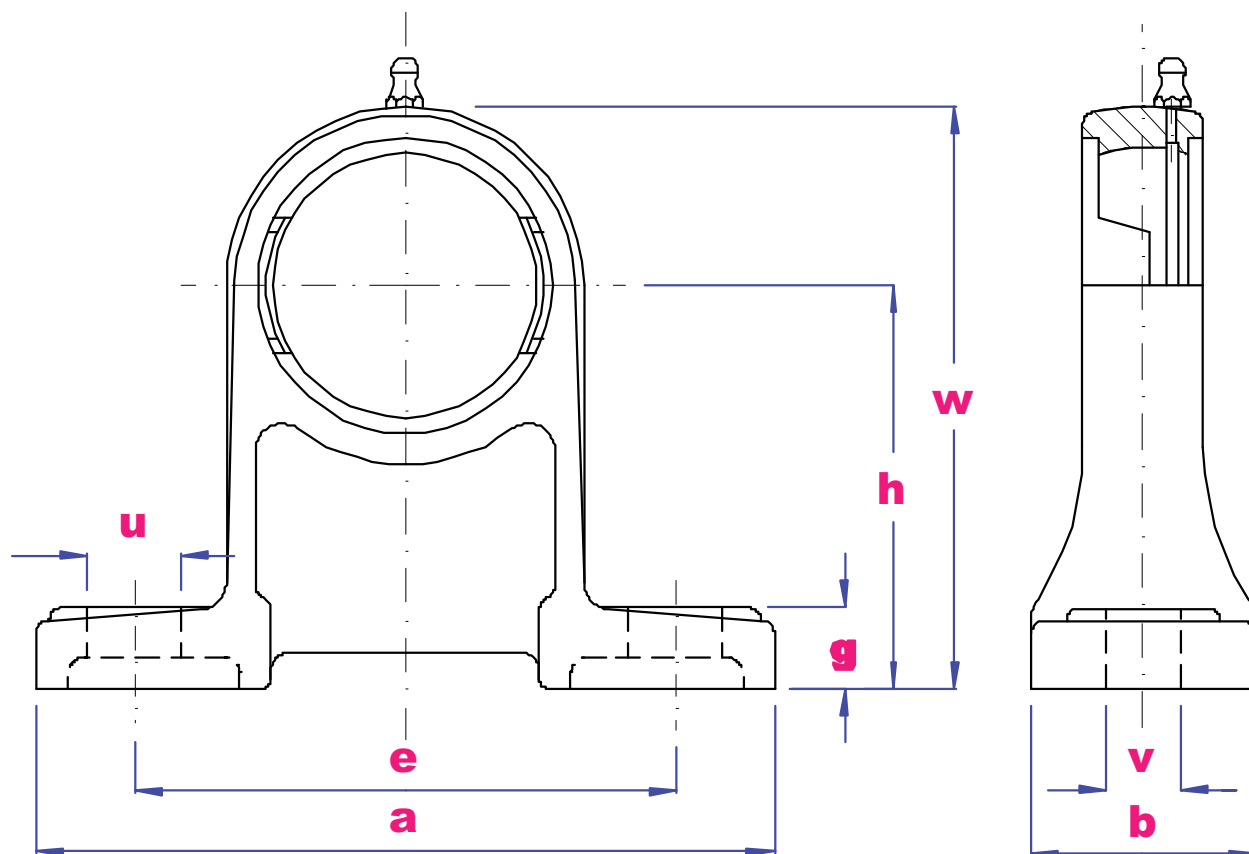


UBC

PH200 SERIES HOUSING



Quality
Endorsed
Company
ISO 9001:2000
LIC QEC20818



PART NO	h mm	a mm	e mm	b mm	v mm	u mm	g mm	w mm	Bolt mm	Wgt kg
PH204	70	127	95	40	13	19	15	101	M10	0.77
PH205	80	140	105	50	13	19	16	114	M10	1.01
PH206	90	165	121	50	17	21	18	130	M14	1.29
PH207	95	167	127	60	17	21	19	140	M14	1.54
PH208	100	184	137	70	17	25	19	149	M14	2.07
PH209	105	190	146	70	17	25	20	157	M14	2.32
PH210	110	206	159	70	20	25	22	165	M16	2.72
PH211	120	219	171	75	20	25	23	181	M16	4.40
PH212	130	235	186	85	20	25	24	197	M16	4.80

SUITABLE BEARING SERIES - UC200, NA200, UK200, SB200, SA200, CS200

AVAILABLE MACHINED FOR OPEN AND CLOSED COVERS, SUFFIX **M**.



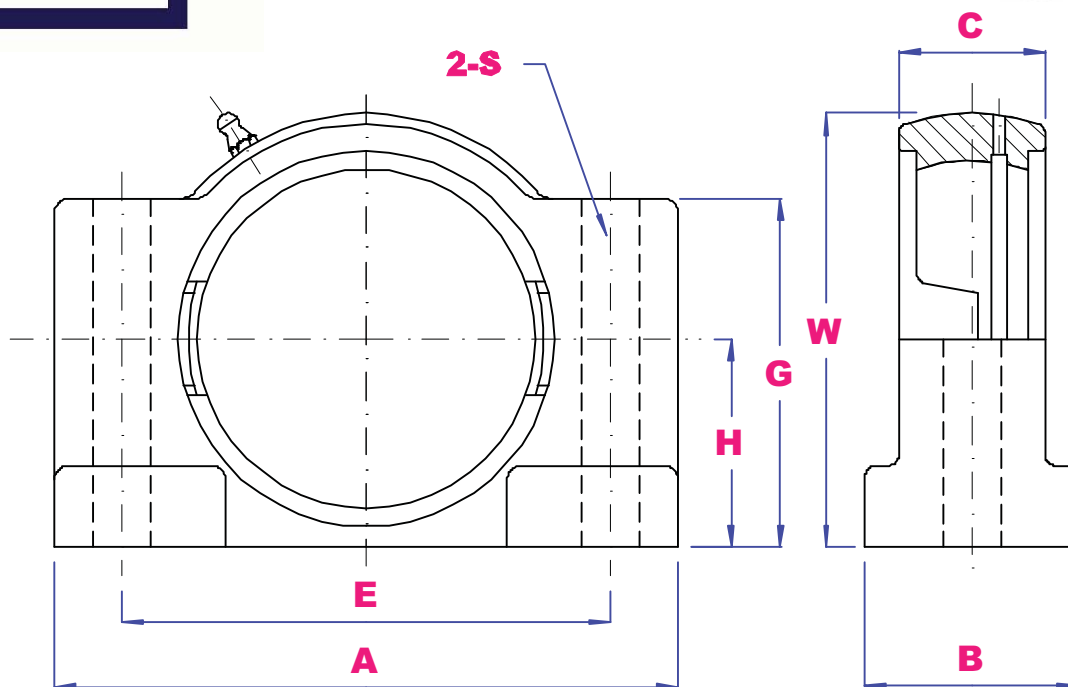
UBC

SB SERIES

HOUSING



Quality
Endorsed
Company
ISO 9001:2000
LIC QEC20818



PART NO	H mm	A mm	E mm	B mm	C mm	G mm	W mm	S mm	Bolt mm	Wgt kg
SB205	31.7	92	70	38	25	58	67	12	M10	0.75
SB206	38.1	108	83	44	30	68	78	12	M10	1.20
SB207	44.4	133	102	48	33	76	95	14	M12	1.90
SB208	47.6	140	108	54	39	81	100	14	M12	2.10
SB209	50.8	146	111	54	39	86	105	14	M12	2.40
SB210	53.97	152	118	60	41	90	110	14	M12	2.70
SB211	58.7	172	137	60	41	98	122	17	M16	3.50
SB212	69.85	197	162	65	48	111	146	17	M16	5.02
SB213	69.85	197	162	65	48	111	146	17	M16	4.64
SB214	76.2	206	172	73	60	117	155	17	M16	5.21
SB215	76.2	206	172	73	60	117	155	17	M16	5.78
SB216	82.55	238	191	86	64	127	168	21	M20	7.83
SB217	88.9	254	203	89	64	136	181	21	M20	9.68
SB218	98.4	273	222	92	67	152	200	25	M24	11.77
SBX20	108	298	241	108	76	178	221	25	M24	15.55

SUITABLE BEARING SERIES

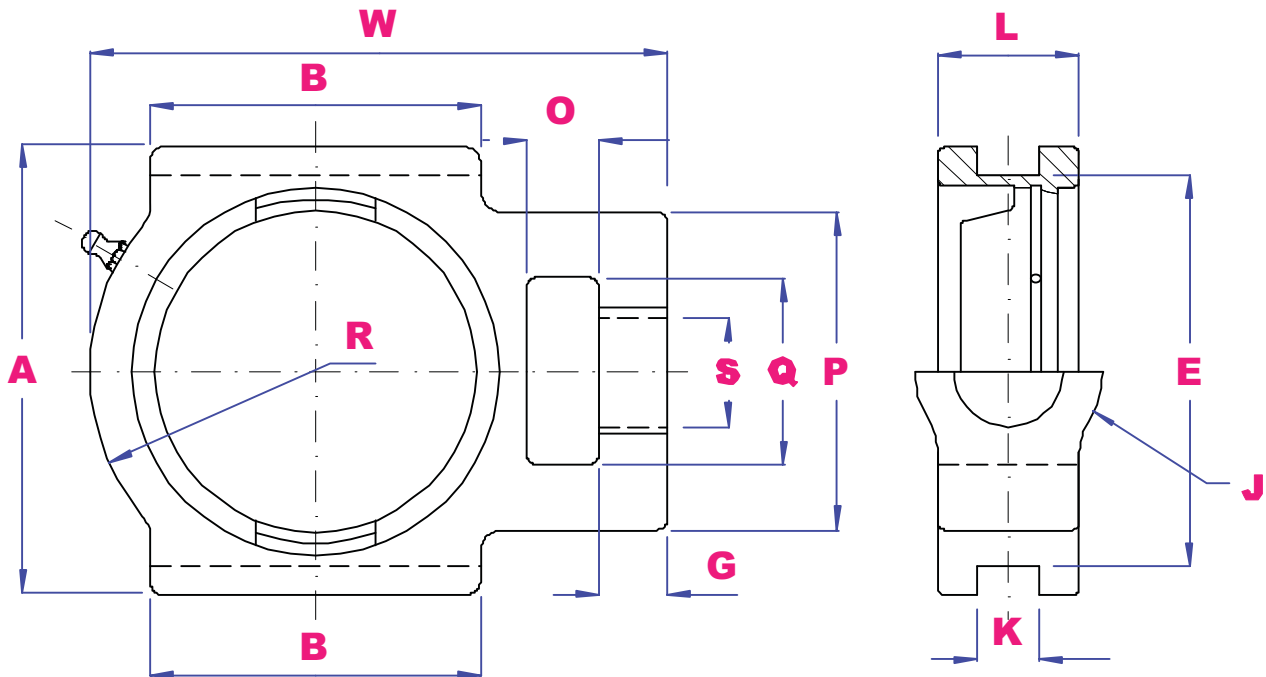
UC200, UCX00, UC300, NA200, UK200, UK300, SB200, SA200, CS200

AVAILABLE MACHINED FOR OPEN AND CLOSED COVERS, SUFFIX M.



UBC

T200 SERIES HOUSING



PART NO	O mm	G mm	P mm	Q mm	S mm	B mm	K mm	E mm	A mm	W mm	J mm	L mm	R mm	Wgt kg
T204	16	12	51	32	19	51	12	76	89	94	32	21	33	0.62
T205	16	12	51	32	19	51	12	76	89	97	32	24	35	0.69
T206	16	12	56	37	22	57	12	89	102	113	37	28	43	0.99
T207	16	15	64	37	22	64	12	89	102	129	37	30	51	1.24
T208	19	18	83	49	29	83	16	102	114	144	49	33	56	1.87
T209	19	18	83	49	29	83	16	102	117	145	49	35	57	1.82
T210	19	18	83	49	29	86	16	102	117	151	49	37	59	1.82
T211	25	21	102	64	35	95	22	130	146	171	64	38	65	2.93
T212	32	21	102	64	35	102	22	130	146	194	64	42	75	3.39
T213	32	23	111	70	41	121	26	151	167	224	70	44	87	5.14
T214	32	23	111	70	41	121	26	151	167	224	70	46	87	5.05
T215	32	23	111	70	41	121	26	151	167	232	70	48	92	5.29
T216	32	23	111	70	41	121	26	165	184	235	70	51	95	5.41
T217	38	31	124	73	48	157	27	173	198	260	73	54	98	7.62
T218	41	31	130	80	48	140	27	190	213	276	80	55	106	8.22

SUITABLE BEARING SERIES UC200, NA200, UK200, SB200, SA200, CS200

HOUSINGS T204 – T210 ARE AVAILABLE IN **304C** STAINLESS STEEL

AVAILABLE MACHINED FOR OPEN AND CLOSED COVERS, SUFFIX **M**.

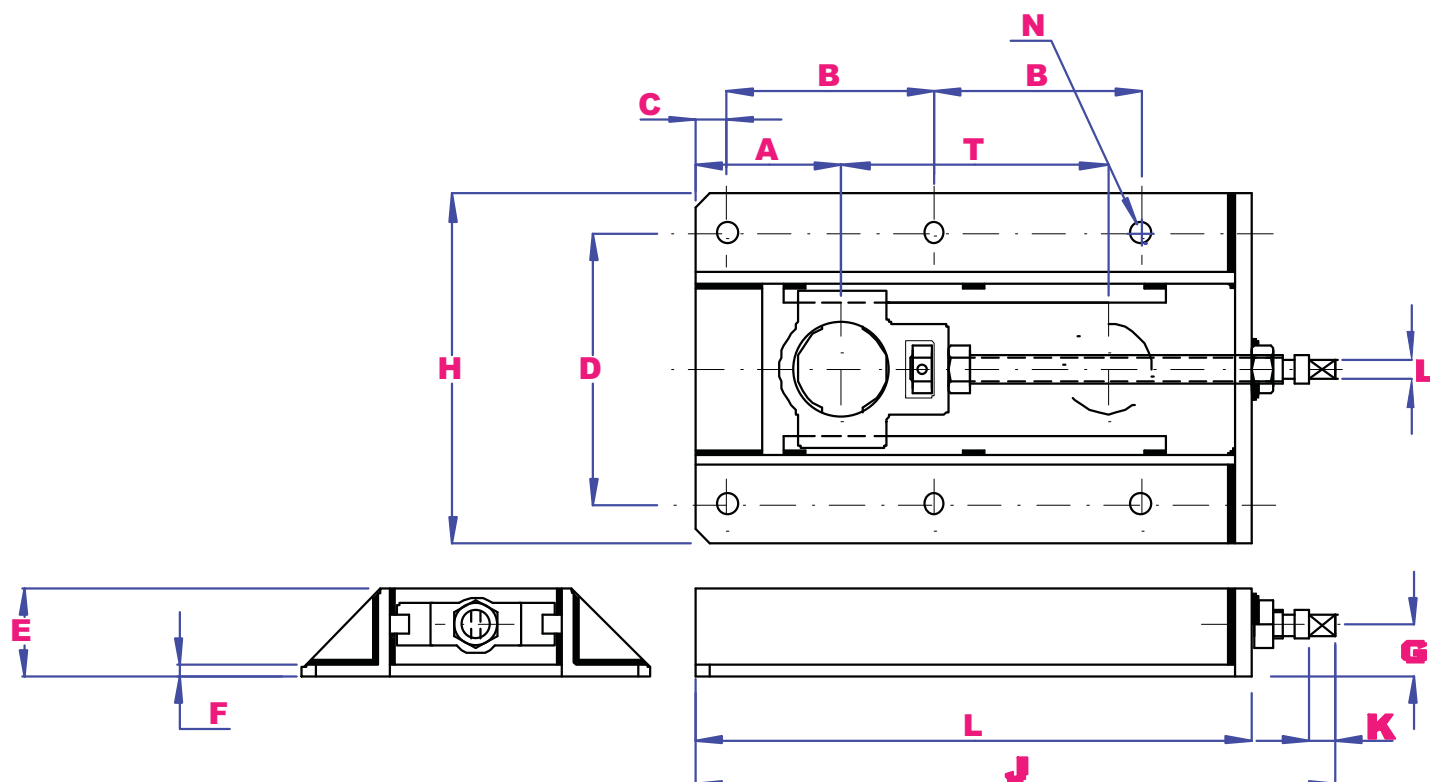


UBC

TAKE UP FRAMES

SUIT T200

HOUSINGS

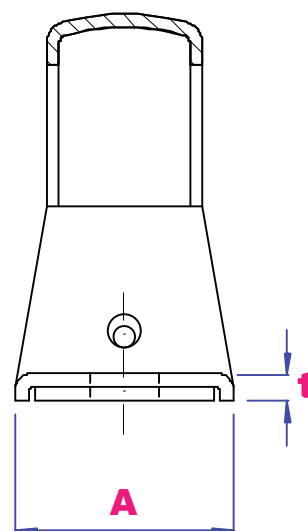
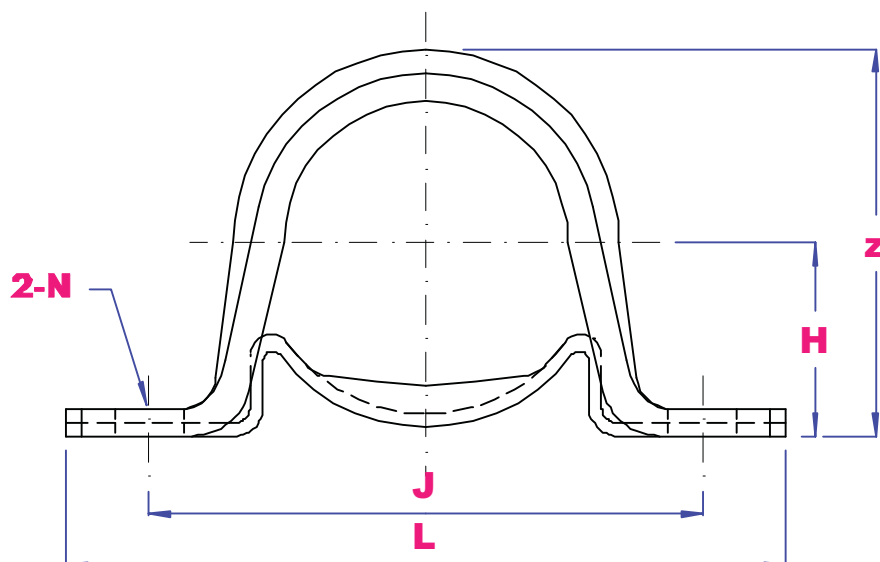


PART NO	L	H	T	A	B	C	D	E	F	G	N	J	K	ADJ SCREW	BOLT	WGT kg
TUF204/5	317	199	150	84	117	19	154	50	6	29	12	354	13	TM16X3	M10	4.1
TUF206/7	429	212	230	94	173	19	166	50	6	30	12	465	13	TM18X4	M10	6.25
TUF208/9/10	520	233	300	97	219	22	192	50	6	30	15	571	20	TM26X5	M12	8.8
TUF211/12	568	301	300	113	243	22	240	65	6	38	15	622	20	TM30X6	M12	13.9



UBC

PP200 SERIES PRESSED METAL HOUSING



PART NO	H mm	J mm	L mm	A mm	N mm	t mm	z mm	Bolt mm	Wgt kg
PP203	22.2	68	86	14	9.5	2.4	43.8	M8	0.06
PP204	25.4	76	98	18.2	9.5	3	50.2	M8	0.10
PP205	28.6	86	108	19.2	11.5	4	56.5	M10	0.13
PP206	33.3	95	117	21.8	11.5	4	66.1	M10	0.17
PP207	39.7	106	129	23.8	11.5	5	78	M10	0.20
PP208	43.7	120	148	24.5	12	5	86.5	M10	0.30
PP209	46.8	128	156	31.5	13	6	93.5	M10	0.30

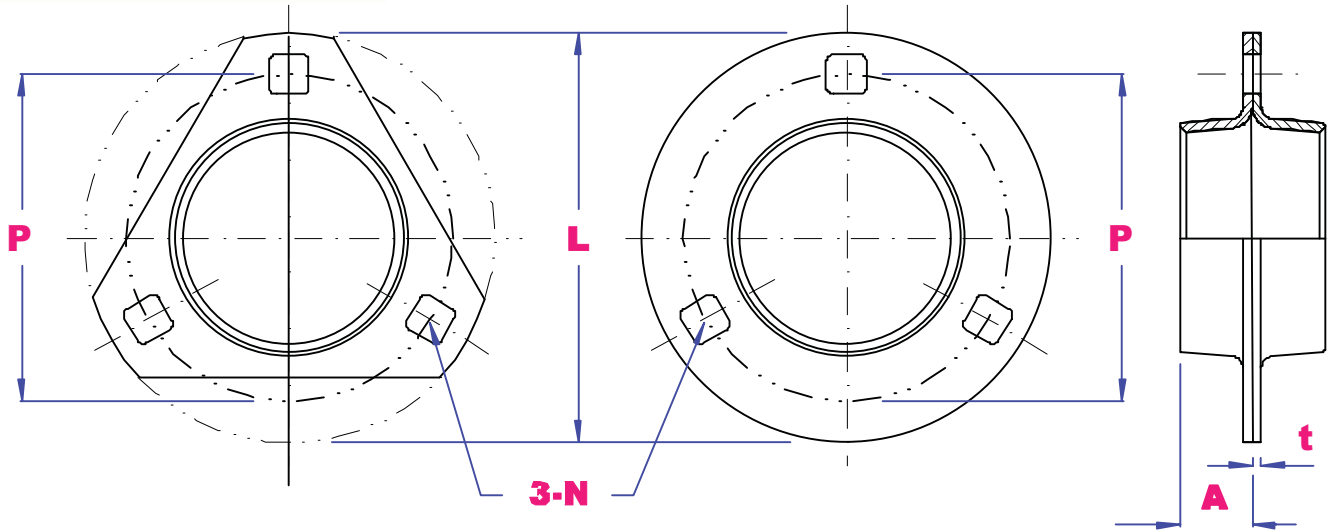
SUITABLE BEARING SERIES - SB200, SA200, CS200.

ALL SIZES ARE ZINC PLATED



UBC

PF/PFT200 SERIES PRESSED STEEL HOUSING



PART NO	L mm	P mm	A mm	t mm	N mm	Bolt mm	Wgt kg
PF/PFT203	81	63.5	7	2	7	M6	0.14
PF/PFT204	90	71	8	2	9	M8	0.14
PF/PFT205	95	76	9	2	9	M8	0.17
PF/PFT206	113	90	9	2.5	11	M10	0.20
PF207	122	100	10	2.5	11	M10	0.30
PF208	148	119	11.5	3.5	13.5	M12	0.34
PF209	150	120	11.5	3.5	13.5	M12	0.64
PF87	145	120	17	3.0	12.5x15.5	M12	0.57
PF210	157	127	12.5	4	13.5	M12	0.75

SUITABLE BEARING SERIES - SB200, SA200, CS200.

PF87 SUITS W208PPB12

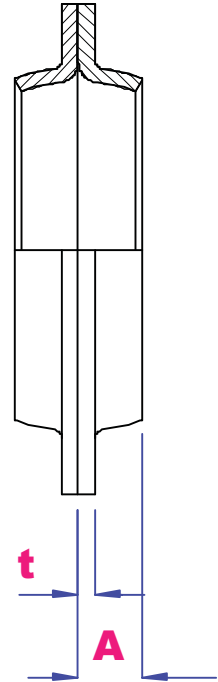
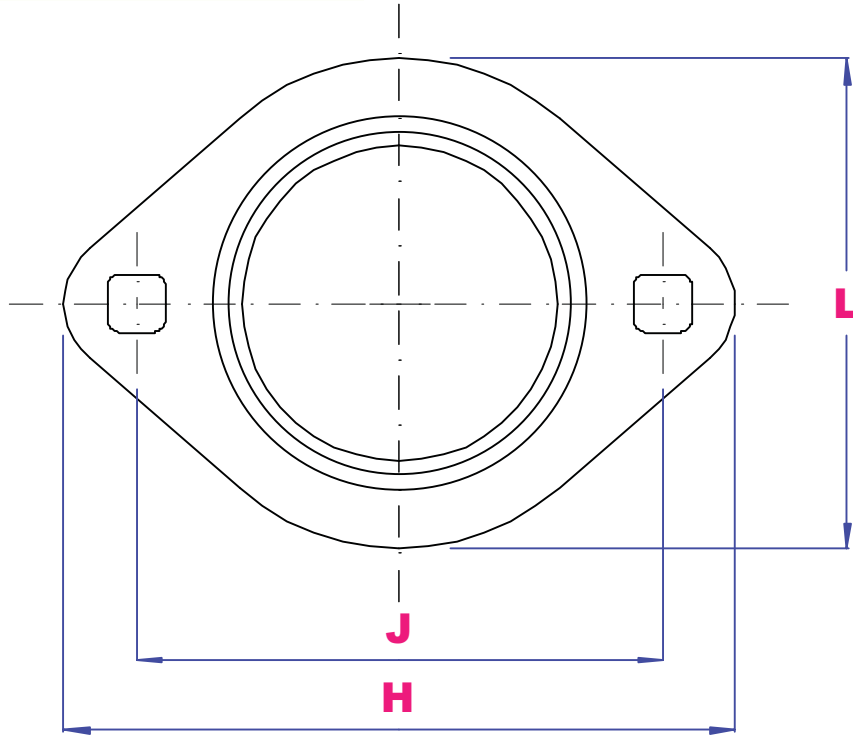
ALL SIZES ARE ZINC PLATED

SIZES PF203/204/205 AVAILABLE IN **304** STAINLESS STEEL



UBC

PFL 200 SERIES PRESSED STEEL HOUSING



PART NO	t mm	H mm	J mm	A mm	L mm	Bolt mm	Wgt kg
PFL203	2.0	81	63.5	7.0	59	M6	0.18
PFL204	2.0	90	71.5	9.0	67	M8	0.20
PFL205	2.0	95	76.0	9.0	71	M8	0.24
PFL206	2.5	113	90.5	11.0	84	M10	0.36
PFL207	2.5	125	100	11.0	94	M10	0.40
PFL208	3.5	148	119	13.5	106	M12	0.50

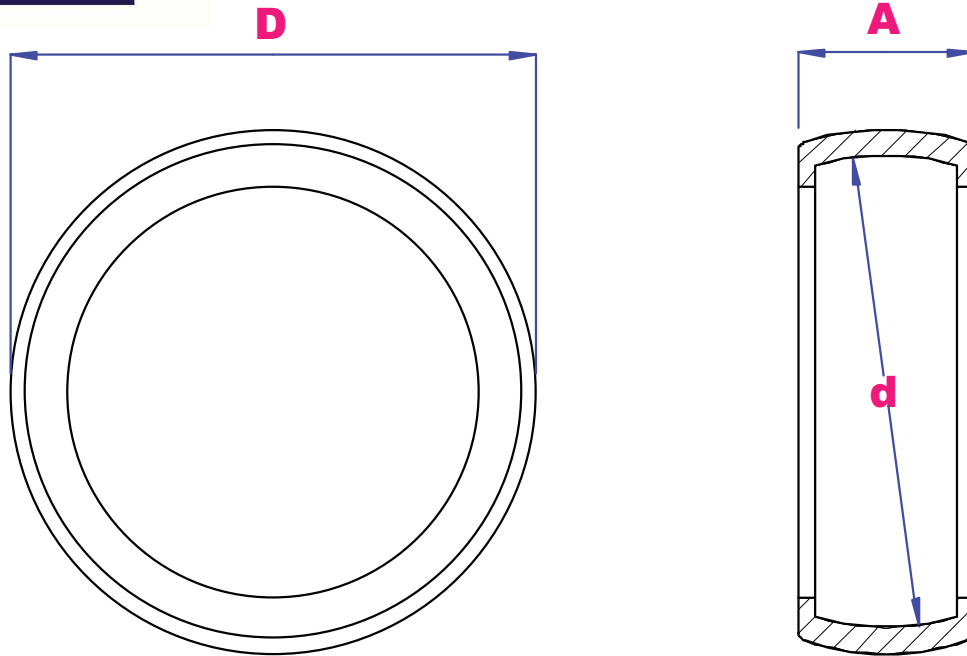
SUITABLE BEARING SERIES - SB200, SA200, CS200.

ALL SIZES ARE ZINC PLATED



UBC

RGN/RGW200 SERIES RUBBER INSERTS

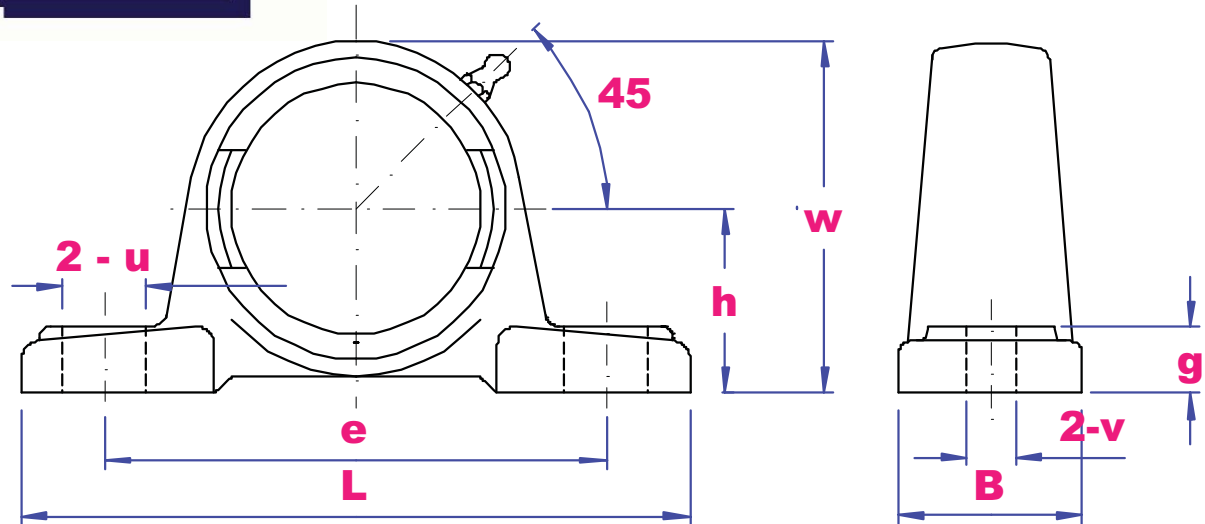


PART NO	d mm	D mm	A mm
RGN203	40	47	15
RGN204	47	52	17
RGN205	52	62	18
RGN206	62	72	20
RGN207	72	80	21
RGN208	80	85	23
SUITABLE BEARING SERIES - SB200, SA200, CS200. SUITABLE HOUSING SERIES – PP200, PF200, PFT200, PFL200.			
RGW204	47	52	20
RGW205	52	62	20
RGW206	62	72	24
RGW207	72	80	26
SUITABLE BEARING SERIES - UC200, NA200, UK200. SUITABLE HOUSING SERIES – PP200, PF200, PFT200, PFL200.			



UBC

P000 SERIES HOUSING



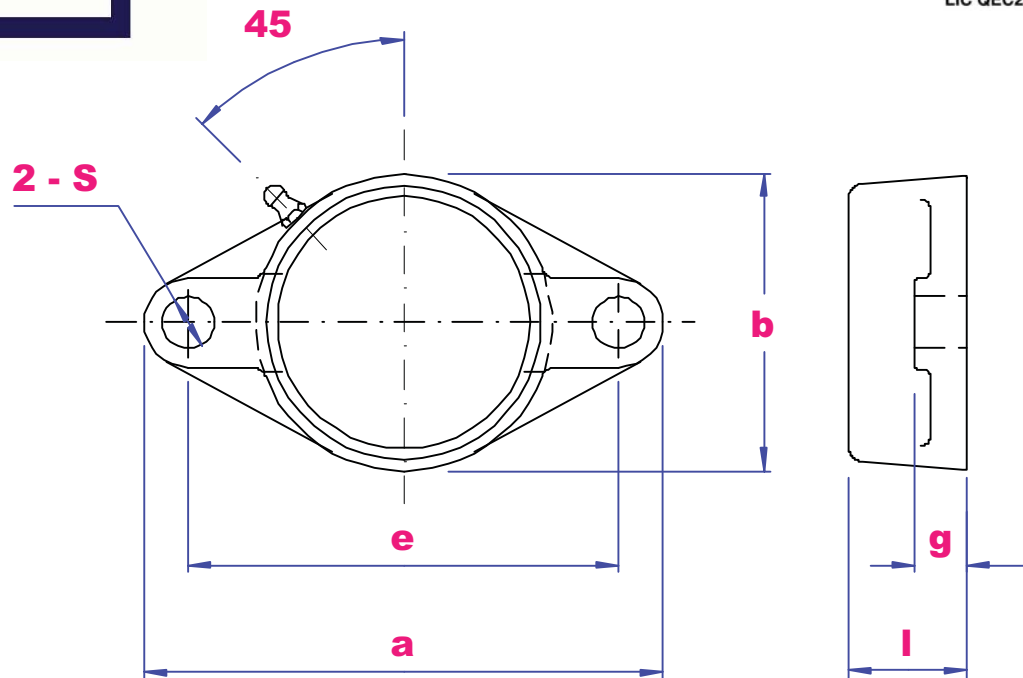
PART NO	h mm	L mm	e mm	B mm	v mm	u mm	g mm	w mm	Wgt g
P000	18	67	53	16	7	7	6	35	42
P001	19	71	56	16	7	7	6	38	59
P002	22	80	63	16	7	7	7	43	67
P003	24	85	67	18	7	7	7	47	87
P004	28	100	80	20	10	10	9	55	123
P005	32	112	90	20	10	10	10	62	164
P006	36	132	106	26	13	13	11	70	234

SUITABLE BEARING SERIES – U000, K000ER.



UBC

FL000 SERIES HOUSING



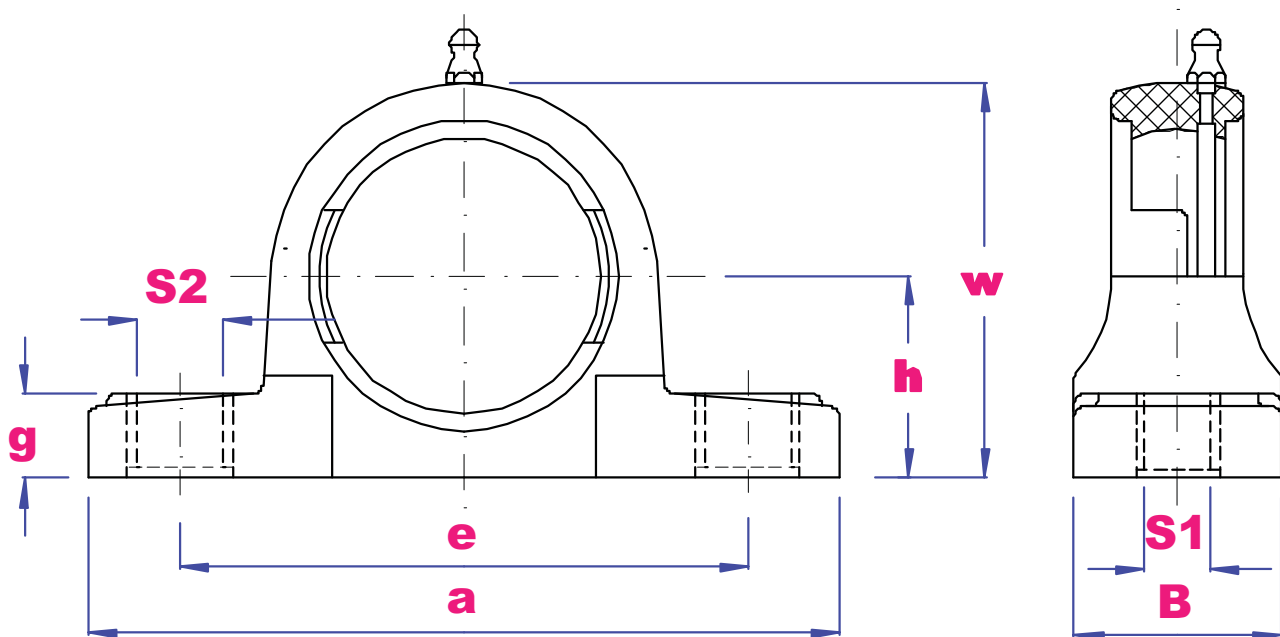
PART NO	a mm	e mm	g mm	l mm	s mm	b mm	Wgt g
FL000	60	45	5.5	11.5	7	36	37
FL001	63	48	5.5	11.5	7	38	46
FL002	67	53	6.5	13	7	42	54
FL003	71	56	7	14	7	46	60
FL004	90	71	8	16	10	55	103
FL005	95	75	8	16	10	60	113
FL006	112	85	9	18	13	70	176

SUITABLE BEARING SERIES K000, U000



UBC

PL-P200 SERIES THERMOPLASTIC HOUSINGS



PART NO	h mm	a mm	e mm	B mm	S1 mm	S2 mm	g mm	w mm	Bolt mm	Wgt kg
PL-P204	33.3	127	95	37	11	14	14.2	65.5	M10	0.13
PL-P205	36.5	140	105	38	11	14	14.5	71	M10	0.14
PL-P206	42.9	160	121	44	14	18	17.8	84	M12	0.25
PL-P207	47.6	167	127	48	14	18	18	94.5	M12	0.27
PL-P208	49.2	180	137	52	14	18	19.5	99	M12	0.32
PL-P209	54	189	146	54	17	20	23	106	M16	0.37
PL-P210	57.2	204	159	60	17	20	23	114	M16	0.44
PL-P211	63.5	217	171	60	17	20	24	128	M16	0.53
PL-P212	69.9	238	184	66	17	20	26	141	M16	0.66

SUITABLE BEARINGS

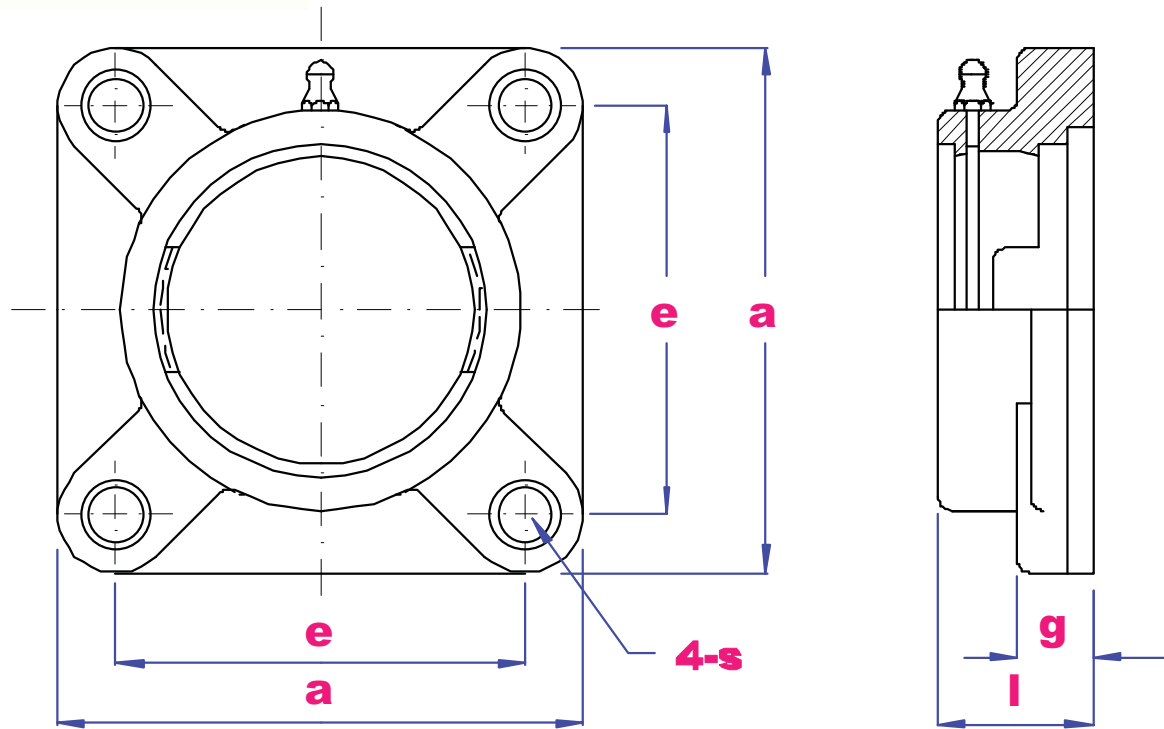
S-UC200, S-SB200, UC200, SB200, SA200, NA200, UK200, CS200

OPEN AND CLOSED COVERS AVAILABLE



UBC

PL-F200 SERIES THERMOPLASTIC HOUSING



PART NO	a mm	e mm	g mm	l mm	s mm	Bolt mm	Wgt kg
PL-F204	88	64	13.4	27.8	11	M10	0.13
PL-F205	95	70	14	28	11	M10	0.14
PL-F206	107	83	14.3	31.5	11	M10	0.21
PL-F207	118	92	15.5	34.8	13	M12	0.26
PL-F208	130	102	17	37.5	14	M12	0.34
PL-F209	137	105	19	41	17	M16	0.41
PL-F210	143	111	21	43	17	M16	0.44
PL-F211	162	130	19	47	17	M16	0.56
PL-F212	175	143	19	52	19	M16	0.63

SUITABLE BEARINGS

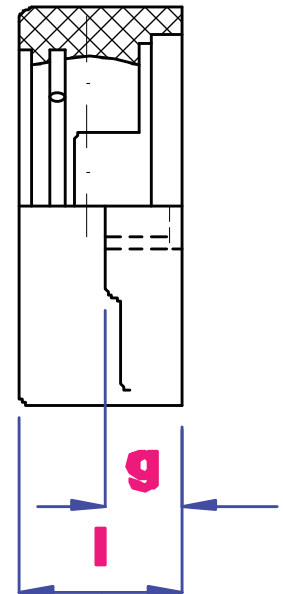
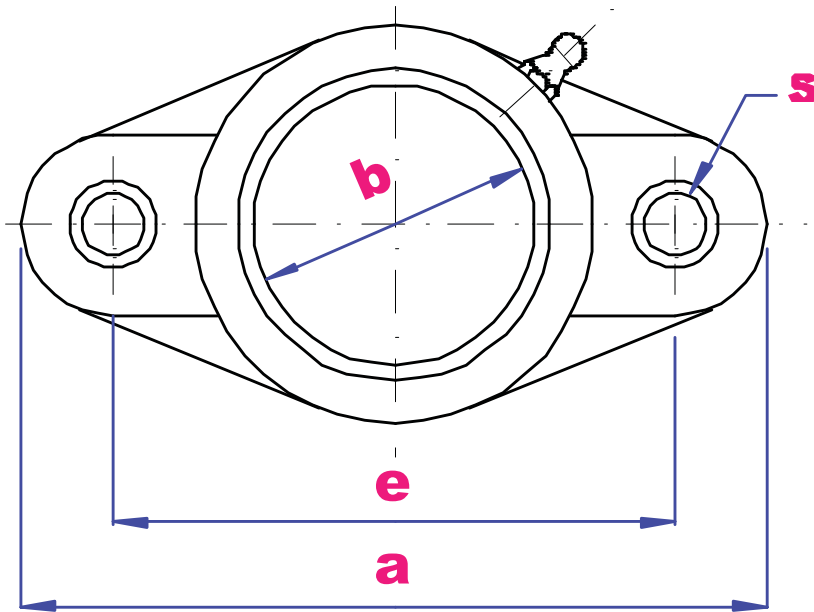
S-UC200, S-SB200, UC200, SB200, SA200, NA200, UK200, CS200

OPEN AND CLOSED COVERS AVAILABLE



UBC

PL-FL200 SERIES THERMOPLASTIC HOUSINGS



PART NO	a mm	e mm	g mm	l mm	s mm	b mm	Bolt mm	Wgt kg
PL-FL204	113	90	11.4	26.5	11	65	M10	0.09
PL-FL205	131	99	13.5	29.1	11	69.5	M10	0.11
PL-FL206	148	117	13.5	31	11	80	M10	0.13
PL-FL207	164	130	16.1	32.8	11	90	M12	0.17
PL-FL208	176	144	20	37.5	13	100	M12	0.24
PL-FL209	189	148	21	41	14	106	M16	0.30
PL-FL210	197	157	21	43	17	115	M16	0.33
PL-FL211	224	184	24	46	17	130	M16	0.44
PL-FL212	250	202	24	51	21	140	M20	0.55

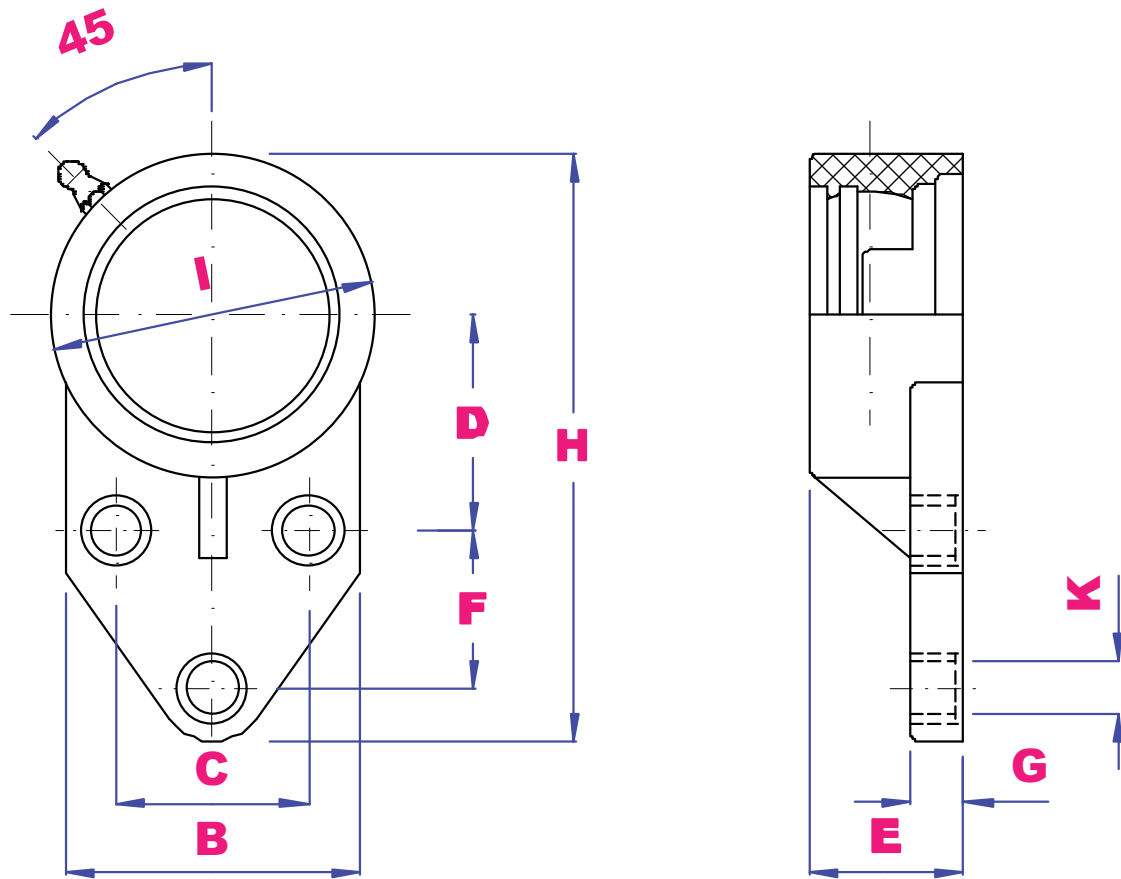
SUITABLE BEARINGS

S-UC200, S-SB200, UC200, SB200, SA200, NA200, UK200, CS200

OPEN AND CLOSED COVERS AVAILABLE

UBC

PL-FB200 SERIES THERMOPLASTIC HOUSING



PART NO	H mm	D mm	C mm	F mm	G mm	E mm	K mm	I mm	B mm	Bolt mm	Wgt kg
PL-FB204	108	42.9	33.7	22.2	11.4	31.2	10.7	63.5	62	M10	0.08
PL-FB205	121	46	41.2	28.6	11.4	32.8	10.7	70	63.5	M10	0.11
PL-FB206	139	52.4	41.5	31.8	13.3	35.4	10.7	83	76	M10	0.15
PL-FB207	157	60.3	47.1	31.8	16.1	37.5	13.1	95	89	M12	0.20
PL-FB208	178	67.3	50.8	35.5	18.5	39.5	13.1	103	99	M12	0.28

SUITABLE BEARINGS

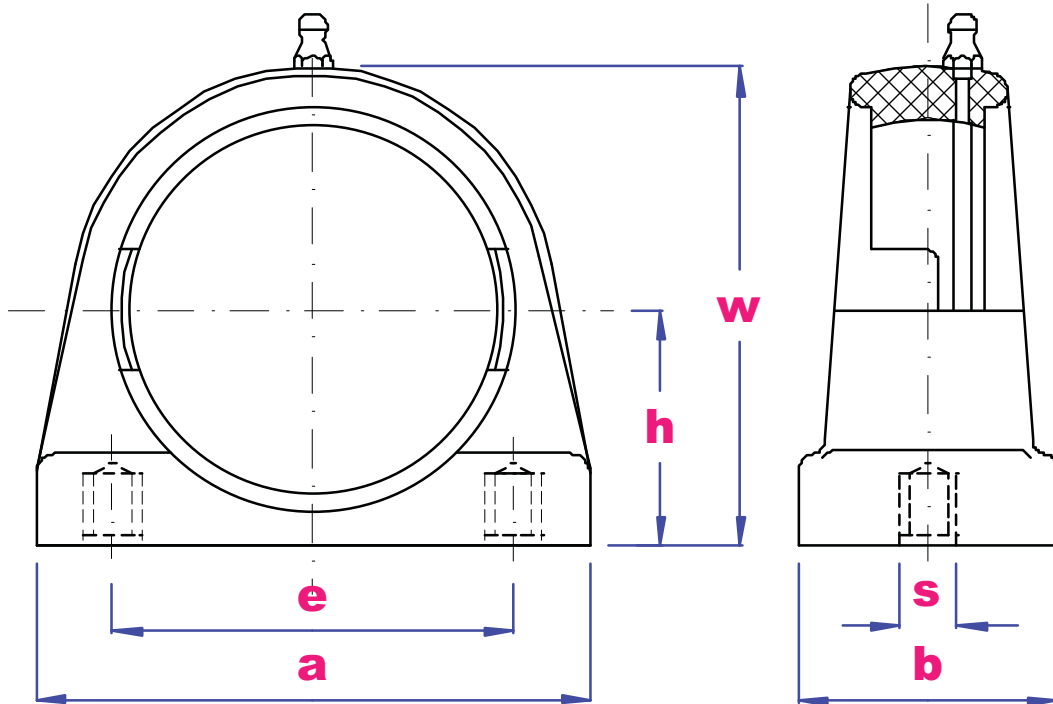
S-UC200, S-SB200, UC200, SB200, SA200, NA200, UK200, CS200

OPEN AND CLOSED COVERS AVAILABLE



UBC

PL-PA200 SERIES THERMOPLASTIC HOUSING



PART NO	h mm	a mm	e mm	b mm	w mm	s mm	Wgt kg
PL-PA204	33.3	76	52	38	64	M8	0.10
PL-PA205	33.3	84	56	38	72	M10	0.14
PL-PA206	33.3	94	66	48	84	M10	0.20
PL-PA207	47.6	110	80	48	95	M10	0.24
PL-PA208	49.2	116	84	54	100	M12	0.28
PL-PA209	54.2	120	90	54	108	M12	0.35
PL-PA210	57.2	130	94	60	116	M16	0.45

SUITABLE BEARINGS

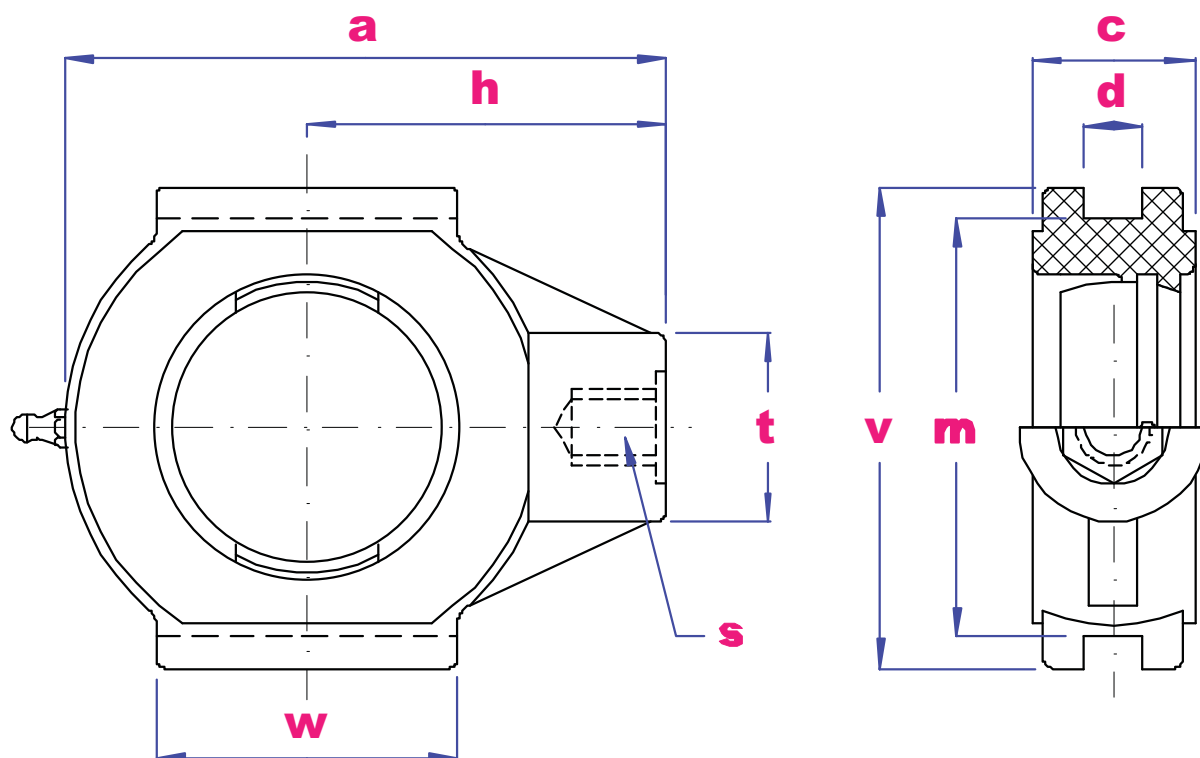
S-UC200, S-SB200, UC200, SB200, SA200, NA200, UK200, CS200

OPEN AND CLOSED COVERS AVAILABLE



UBC

PL-T200 SERIES THERMOPLASTIC HOUSING



PART NO	s mm	t mm	w mm	d mm	m mm	v mm	a mm	c mm	h mm	Wgt kg
PL-T204	M16	36	47	12	76	89	99	27.5	64	0.18
PL-T205	M16	36	47	12	76	89	99	27.5	64	0.16
PL-T206	M16	40	63	12	89	102	125	34.5	76	0.29
PL-T207	M16	40	63	12	89	102	125	34.5	76	0.24
PL-T208	M16	40	80	16	102	114	140	34.5	85	0.31
PL-T209	M20	50	85	16	102	117	149	40	90	0.43
PL-T210	M20	50	85	16	102	117	149	40	90	0.37

SUITABLE BEARINGS

S-UC200, S-SB200, UC200, SB200, SA200, NA200, UK200, CS200

OPEN AND CLOSED COVERS AVAILABLE

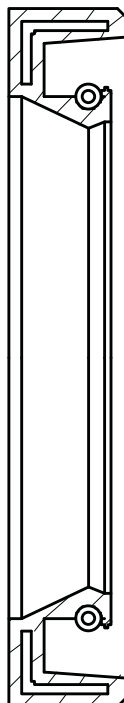


UBC

HOUSING BACK SEALS



Quality
Endorsed
Company
ISO 9001:2000
LIC QEC20818

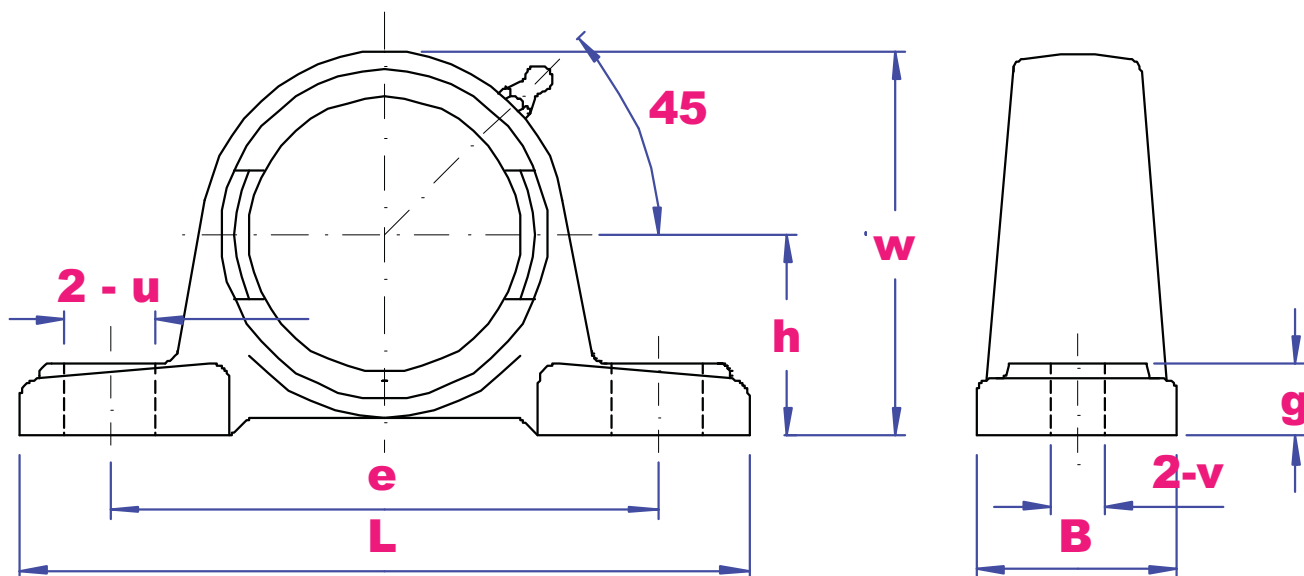


PART NO	d mm	D mm	W mm
BS204	20	52	6
BS205	25	56	6
BS206	30	66	6
BS207	35	76	6
BS208	40	86	6
BS209	45	90	6
BS210	50	96	6
BS211	55	107	6
BS212	60	116	6
TO SUIT HOUSINGS PL-P, PL-F, PL-FL, PL-FB, PL-PA, PL-T.			



UBC

S-P200 SERIES STAINLESS STEEL HOUSING



PART NO	h mm	L mm	e mm	B mm	v mm	u mm	g mm	w mm	Bolt mm	Wgt kg
S-P203	30.2	125	95	32	12	16	13	57	M10	0.60
S-P204	33.3	127	95	37	13	19	15	64	M10	0.53
S-P205	36.5	140	105	38	13	19	15	69.5	M10	0.57
S-P206	42.9	160	121	44	14	19	16	82	M12	0.94
S-P207	47.6	167	127	48	15	19	17	92	M12	1.09
S-P208	49.2	180	137	52	15	21	18	98	M12	1.27
S-P209	54	189	146	54	15	21	20	106	M12	1.52
S-P210	57.2	204	159	60	19	22	21	112	M16	1.97
S-P211	63.5	217	171	60	19	22	22	125	M16	2.23
S-P212	69.9	238	184	66	19	25	24	137	M16	3.19
S-P213	76.2	262	203	70	23	29	26	149	M20	3.74
S-P214	79.4	266	210	72	23	29	27	155	M20	4.55
S-P215	82.6	274	217	74	25	29	28	162	M20	5.09

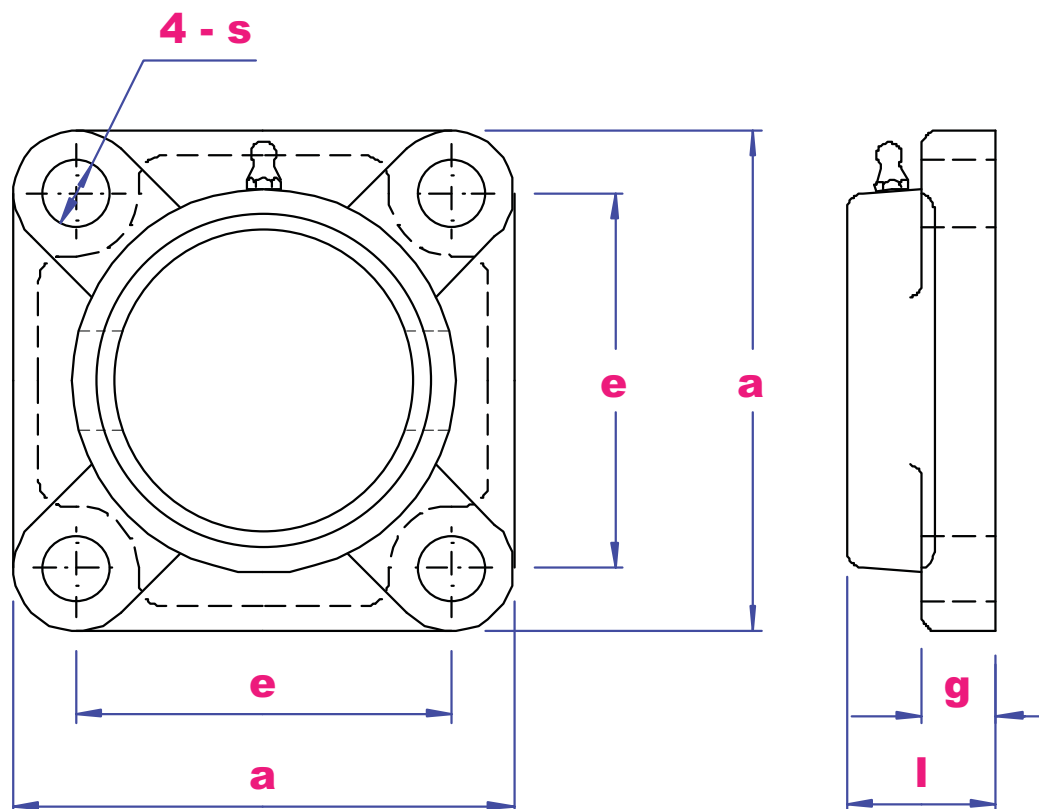
SUITABLE BEARING SERIES

S-UC200,S-SB200, UC200,UK200, NA200, SB200, SA200, CS200



UBC

S-F200 SERIES STAINLESS STEEL HOUSING



PART NO	a mm	e mm	g mm	l mm	s mm	Bolt mm	Wgt kg
S-F203	76	54	11	25.5	12	M10	0.51
S-F204	86	64	11	25.5	12	M10	0.44
S-F205	95	70	13	27	12	M10	0.61
S-F206	108	83	13	31	12	M10	0.69
S-F207	117	92	15	34	14	M12	0.94
S-F208	130	102	15	36	16	M14	1.17
S-F209	137	105	16	38	16	M14	1.52
S-F210	143	111	16	40	16	M14	1.62
S-F211	162	130	18	43	19	M16	2.43
S-F212	175	143	18	48	19	M16	2.69
S-F213	187	149	22	50	19	M16	3.44
S-F214	193	152	22	54	19	M16	3.85
S-F215	200	159	22	56	19	M16	4.09

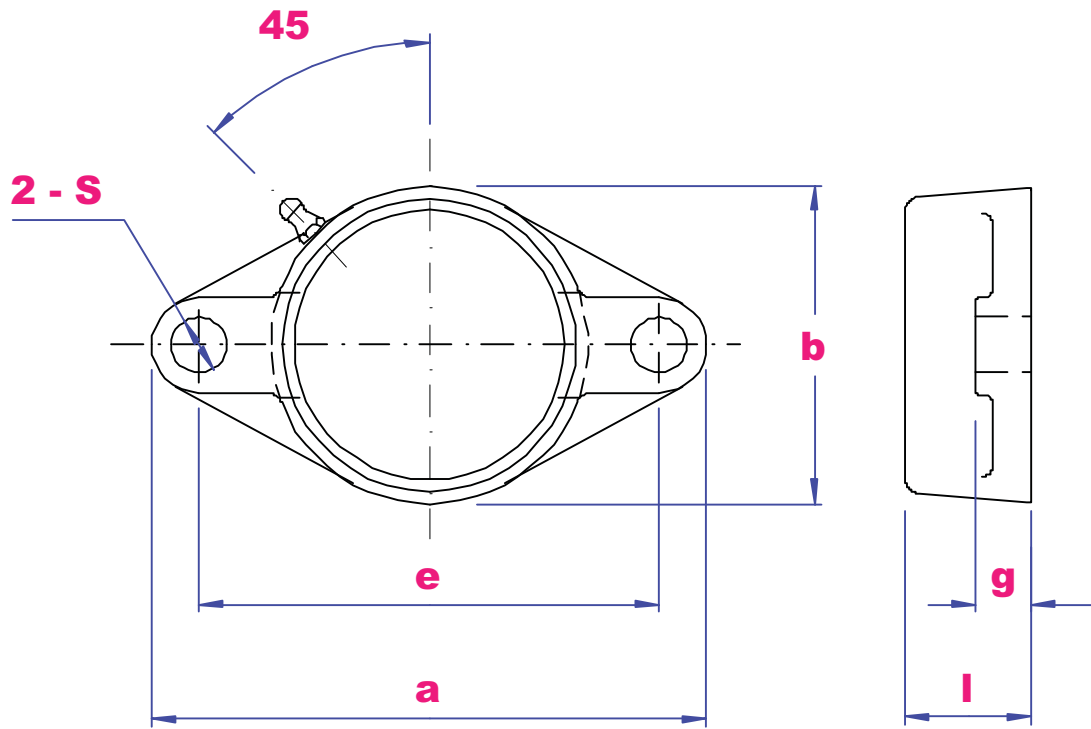
SUITABLE BEARING SERIES

S-UC200, S-SB200, UC200, NA200, UK200, SB200, SA200, CS200



UBC

S-FL200 SERIES STAINLESS STEEL HOUSING



PART NO	a mm	e mm	g mm	l mm	s mm	b mm	Bolt mm	Wgt kg
S-FL203	99	76.5	11	25.5	11.5	57	M10	0.27
S-FL204	113	90	11	25.5	12	60	M10	0.28
S-FL205	130	99	13	27	16	68	M14	0.47
S-FL206	148	117	13	31	16	80	M14	0.55
S-FL207	161	130	15	34	16	90	M14	0.69
S-FL208	175	144	15	36	16	100	M14	0.83
S-FL209	188	148	16	38	19	108	M16	1.17
S-FL210	197	157	16	40	19	115	M16	1.20
S-FL211	224	184	18	43	23	130	M16	1.83
S-FL212	250	202	18	48	23	140	M20	2.19

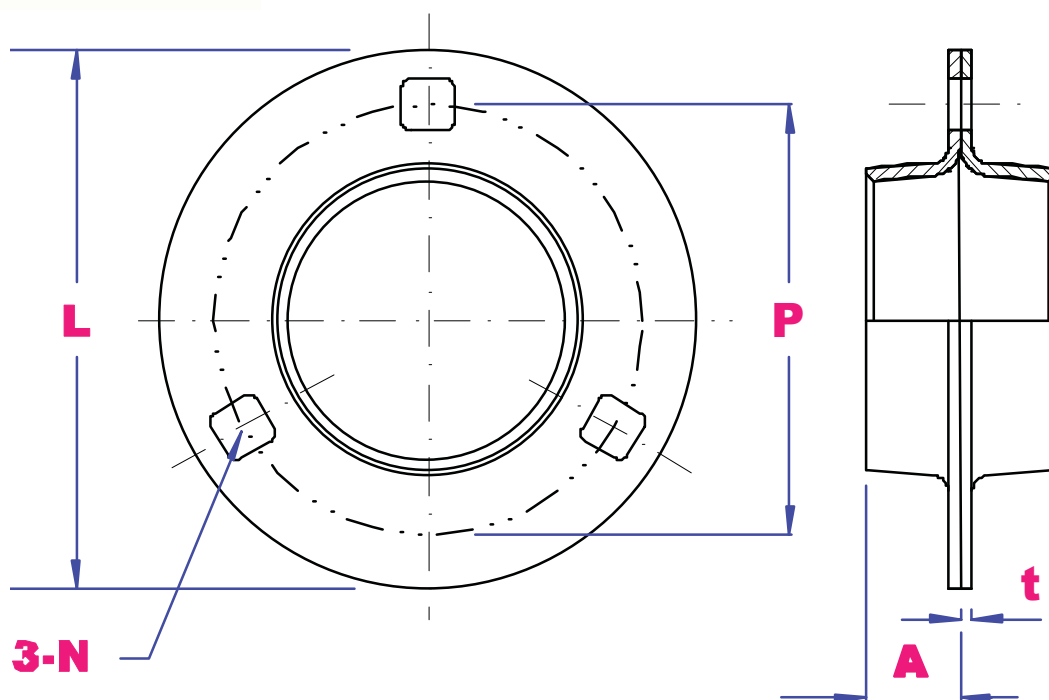
SUITABLE BEARING SERIES

S-UC200, S-SB200, UC200, NA200, UK200, SB200, SA200, CS200



UBC

S-PF200 SERIES STAINLESS STEEL HOUSING



PART NO	L mm	P mm	A mm	t mm	N mm	Bolt mm	Wgt kg
S-PF203	81	63.5	7	2	7	M6	0.14
S-PF204	90	71	8	2	9	M8	0.14
S-PF205	95	76	9	2	9	M8	0.17
S-PF206	113	90	9	2.5	11	M10	0.20
S-PF207	122	100	10	2.5	11	M10	0.30

SUITABLE BEARING SERIES – S-SB200, SB200, SA200, CS200.

WIDE INNER RING HOUSING INTERCHANGE

UBC	ASAHI	NSK	NACHI	KOYO	NTN	FAG	RHP	SKF	DESCRIPTION
P000	P000								EXTRA LIGHT PILLOW BLOCK ZINC ALLOY
P200	P200	P200	P200	P200	P200	P200	NP	SY500	LIGHT PILLOW BLOCK CAST IRON
PX00	PX00	PX00	PX00	PX00	PX00		MP	PX00	MEDIUM PILLOW BLOCK CAST IRON
P300	P300	P300	P300		P300			P300	HEAVY PILLOW BLOCK CAST IRON
F200	F200	F200	F200	F200	F200	F200	SF	FY500	LIGHT FOUR BOLT FLANGE CAST IRON
FX00	FX00	FX00	FX00	FX00	FX00		MSF	FX00	MEDIUM FOUR BOLT FLANGE CAST IRON
F300	F300	F300	F300		F300			F300	HEAVY FOUR BOLT FLANGE CAST IRON
FL000	FL000								EXTRA LIGHT TWO BOLT FLANGE ZINC ALLOY
FL200	FL200	FL200	FL200	FL200	FL200	FL200	SFT	FYTB500	LIGHT TWO BOLT FLANGE CAST IRON
FC200	FC200	FC200	FC200	FC200	FC200	FC200		FYC500	LIGHT FOUR BOLT SPIGOTTED FLANGE CAST IRON
FCX00	FCX00	FCX00	FCX00	FCX	FCX00		MFC	FCX00	MEDIUM FOUR BOLT SPIGOTTED FLANGE CAST
C200	C200	C200	C200	C200	C200		SLC	C200	LIGHT CARTRIDGE CAST IRON
FA200	FA200	FA200	FA200	FA200	FA200			FA200	LIGHT ADJUSTABLE TWO BOLT FLANGE CAST IRON
FB200	FK200	FK200	FK200	FK200	FH200			FK200	LIGHT THREE BOLT OFFSET FLANGE CAST IRON
HA200	ECH200	EH200		HA200	HB200		SCHB	HA200	LIGHT HANGER CAST IRON
LF200	LFL200	LF200	LF200	LF200	FB200		LFTC	LF200	EXTRA LIGHT TWO BOLT FLANGE CAST IRON
PA200	PA200	PA200	PA200	PA200	UP200		SNP	PA200	LIGHT TAPPED BASE PILLOW BLOCK CAST IRON
PH200	PH200	PH200	PH200	PH200	PH200			PH200	LIGHT HIGH SHAFT CENTRE PILLOW BLOCK CAST
SB200		SB200			SB200				MEDIUM SAW BENCH PILLOW BLOCK CAST IRON
T200	T200	T200	T200	T200	T200		ST	TU500	LIGHT TAKE-UP BLOCK CAST IRON
PP200	PP200	PP200	PP200	PP200	PP200		LPB		EXTRA LIGHT PILLOW BLOCK PRESSED STEEL
PF200	PF200	PF200	PF200	PF200	PF200		SLFE		EXTRA LIGHT ROUND FLANGE PRESSED STEEL
PFT200	PFT200			PFT200	PFT200		SLFT		EXTRA LIGHT TRIANGLE FLANGE PRESSED STEEL
PFL200	PFL200	PFL200	PFL200	PFL200	PFL200		SLFL		EXTRA LIGHT TWO BOLT FLANGE PRESSED STEEL
RGN	RP		RP						NARROW NITRILE RUBBER INSERT
RGW									WIDE NITRILE RUBBER INSERT
S200	S200	C-PEX			Z				PRESSED STEEL OPEN NITRILE SEALED COVER
SM200	SM200	C-PX			ZM				PRESSED STEEL CLOSED COVER
PL-P							PNP	SYK	THERMO-PLASTIC PILLOW BLOCK
PL-F							PSF	FYK	THERMO-PLASTIC FOUR BOLT FLANGE
PL-FL							PSFT	TYTBK	THERMO-PLASTIC TWO BOLT FLANGE
PL-PA							PSNP		THERMO-PLASTIC TAPPED BASE PILLOW BLOCK
PL-T							PST		THERMO-PLASTIC TAKE-UP BLOCK
S-P									STAINLESS STEEL PILLOW BLOCK
S-F									STAINLESS STEEL FOUR BOLT FLANGE
S-FL									STAINLESS STEEL TWO BOLT FLANGE
S-T									STAINLESS STEEL TAKE-UP BLOCK

INCHES – MILLIMETERS

INCHES		0	1	2	3	4	5	6	7	8	9	10
FRACTION	DECIMAL	MILLIMETERS										
0	0.000000	0.000	25.400	50.800	76.200	101.600	127.000	152.400	177.800	203.200	228.600	254.000
1/64	0.015625	0.397	25.797	51.197	76.597	101.997	127.397	152.797	178.197	203.597	228.997	254.397
1/32	0.031250	0.794	26.194	51.594	76.994	102.394	127.794	153.194	178.594	203.994	229.394	254.794
3/64	0.046875	1.191	26.591	51.991	77.391	102.791	128.191	153.591	178.991	204.391	229.791	255.191
1/16	0.062500	1.588	26.988	52.388	77.788	103.188	128.588	153.988	179.388	204.788	230.188	255.588
5/64	0.078125	1.984	27.384	52.784	78.184	103.584	128.984	154.384	179.784	205.184	230.584	255.984
3/32	0.093750	2.381	27.781	53.181	78.581	103.981	129.381	154.781	180.181	205.581	230.981	256.381
7/64	0.109375	2.778	28.178	53.578	78.978	104.378	129.778	155.178	180.578	205.978	231.378	256.778
1/8	0.125000	3.175	28.575	53.975	79.375	104.775	130.175	155.575	180.975	206.375	231.775	257.175
9/64	0.140625	3.572	28.973	54.372	79.772	105.172	130.572	155.972	181.372	206.772	232.172	257.572
5/32	0.156250	3.969	29.369	54.769	80.169	105.569	130.969	156.369	181.769	207.169	232.569	257.969
11/64	0.171875	4.366	29.766	55.166	80.566	105.966	131.366	156.766	182.166	207.566	232.966	258.366
3/16	0.187500	4.762	30.163	55.563	80.963	106.363	131.763	157.163	182.563	207.963	233.363	258.763
13/64	0.203125	5.159	30.559	55.959	81.359	106.759	132.159	157.559	182.959	208.359	233.759	259.159
7/32	0.218750	5.556	30.956	56.356	81.756	107.156	132.556	157.956	183.356	208.756	234.156	259.556
15/64	0.234375	5.953	31.353	56.753	82.153	107.553	132.953	158.353	183.753	209.153	234.553	259.953
1/4	0.250000	6.350	31.750	57.150	82.550	107.950	133.350	158.750	184.150	209.550	234.950	260.350
17/64	0.265625	6.747	32.147	57.547	82.947	108.347	133.747	159.147	184.547	209.947	235.347	260.747
9/32	0.281250	7.144	32.544	57.944	83.344	108.744	134.144	159.544	184.944	210.344	235.744	261.144
19/64	0.296875	7.541	32.941	58.341	83.741	109.141	134.541	159.941	185.341	210.741	236.141	261.541
5/16	0.312500	7.938	33.338	58.738	84.138	109.538	134.938	160.338	185.738	211.138	236.538	261.938
21/64	0.328125	8.334	33.734	59.134	84.534	109.934	135.334	160.734	186.134	211.534	236.934	262.334
11/32	0.343750	8.731	34.131	59.531	84.931	110.331	135.731	161.131	186.531	211.931	237.331	262.731
23/64	0.359375	9.128	34.528	59.928	85.328	110.728	136.128	161.528	186.928	212.328	237.728	263.128
3/8	0.375000	9.525	34.925	60.325	85.725	111.125	136.525	161.925	187.325	212.725	238.125	263.525
25/64	0.390625	9.922	35.322	60.722	86.122	111.522	136.922	162.322	187.722	213.122	238.522	263.922
13/32	0.406250	10.319	35.719	61.119	86.519	111.919	137.319	162.719	188.119	213.519	238.919	264.319
27/64	0.421875	10.716	36.116	61.516	86.916	112.316	137.716	163.116	188.516	213.916	239.316	264.716
7/16	0.437500	11.113	36.513	61.913	87.313	112.713	138.113	163.513	188.913	214.313	239.713	265.113
29/64	0.453125	11.509	36.909	62.309	87.709	113.109	138.509	163.909	189.309	214.709	240.109	265.509
15/32	0.468750	11.906	37.306	62.706	88.106	113.506	138.906	164.306	189.706	215.106	240.506	265.906
31/32	0.484375	12.303	37.703	63.103	88.503	113.903	139.303	164.703	190.103	215.503	240.903	266.303
1/2	0.500000	12.700	38.100	63.500	88.900	114.300	139.700	165.100	190.500	215.900	241.300	266.700
33/64	0.515625	13.097	38.497	63.897	89.297	114.697	140.097	165.495	190.897	216.297	241.697	267.097
17/32	0.531250	13.494	38.894	64.294	89.694	115.094	140.494	165.894	191.294	216.694	242.094	267.494
35/64	0.546875	13.891	39.291	64.691	90.091	115.491	140.891	166.291	191.691	217.091	242.491	267.891
9/16	0.562500	14.288	39.688	65.088	90.488	115.888	141.288	166.688	192.088	217.488	242.888	268.288
37/64	0.578125	14.684	40.084	65.484	90.884	116.284	141.684	167.084	192.484	217.884	243.284	268.684
19/32	0.593750	15.081	40.481	65.881	91.281	116.681	142.081	167.481	192.881	218.281	243.681	269.081
39/64	0.609375	15.478	40.878	66.278	91.678	117.078	142.478	167.878	193.278	218.678	244.078	269.478
5/8	0.625000	15.875	41.275	66.675	92.075	117.475	142.875	168.275	193.675	219.075	244.475	269.875
41/64	0.640625	16.272	41.672	67.072	92.472	117.872	143.272	168.672	194.072	219.472	244.872	270.272
21/32	0.656250	16.669	42.069	67.469	92.869	118.269	143.669	169.069	194.469	219.869	245.269	270.669
43/64	0.671875	17.066	42.466	67.866	93.266	118.666	144.066	169.466	194.866	220.266	245.666	271.066
11/16	0.687500	17.463	42.863	68.263	93.663	119.063	144.463	169.863	195.263	220.663	246.063	271.463
45/64	0.703125	17.859	43.259	68.659	94.059	119.459	144.859	170.259	195.659	221.059	246.459	271.859
23/32	0.718750	18.256	43.656	69.056	94.456	119.856	145.256	170.656	196.056	221.456	246.856	272.256
47/64	0.734375	18.653	44.053	69.453	94.853	120.253	145.653	171.053	196.453	221.853	247.253	272.653
3/4	0.750000	19.050	44.450	69.850	95.250	120.650	146.050	171.450	196.850	222.250	247.650	273.050
49/64	0.765625	19.447	44.847	70.247	95.647	121.047	146.447	171.847	197.247	222.647	248.047	273.447
25/32	0.781250	19.844	45.244	70.644	96.044	121.444	146.844	172.244	197.644	223.044	248.444	273.844
51/64	0.796875	20.241	45.641	71.041	96.441	121.841	147.241	172.641	198.041	223.441	248.841	274.241
13/16	0.812500	20.638	46.038	71.438	96.838	122.238	147.638	173.038	198.438	223.838	249.238	274.638
53/64	0.828125	21.034	46.434	71.834	97.234	122.634	148.034	173.434	198.834	224.234	249.634	275.034
27/32	0.843750	21.431	46.831	72.231	97.631	123.031	148.431	173.831	199.231	224.631	250.031	275.431
55/64	0.859375	21.828	47.228	72.628	98.028	123.428	148.828	174.228	199.628	225.028	250.428	275.828
7/8	0.875000	22.225	47.625	73.025	98.425	123.825	149.225	174.625	200.025	225.425	250.825	276.225
57/64	0.890625	22.622	48.022	73.422	98.822	124.222	149.622	175.022	200.422	225.822	251.222	276.622
29/32	0.906250	23.019	48.419	73.819	99.219	124.619	150.019	175.419	200.819	226.219	251.619	277.019
59/64	0.921875	23.416	48.816	74.216	99.616	125.016	150.416	175.816	201.216	226.616	252.016	277.416
15/16	0.937500	23.813	49.213	74.613	100.013	125.413	150.813	176.213	201.613	227.013	252.413	277.813
61/64	0.953125	24.209	49.609	75.009	100.409	125.809	151.209	176.609	202.009	227.409	252.809	278.209
31/32	0.968750	24.606	50.006	75.406	100.806	126.206	151.606	177.006	202.406	227.806	253.206	278.606
63/64	0.984375	25.003	50.403	75.803	101.203	126.603	152.003	177.403	202.803	228.203	253.603	279.003

MILLIMETERS - INCHES

MM	0	10	20	30	40	50	60	70	80	90
0	0.00000	0.39370	0.78740	1.18110	1.57480	1.96850	2.36220	2.75591	3.14961	3.54331
1	0.03937	0.43307	0.82677	1.22047	1.61417	2.00787	2.40157	2.79528	3.18898	3.58268
2	0.07874	0.47244	0.86614	1.25984	1.65354	2.04724	2.44094	2.83465	3.22835	3.62205
3	0.11811	0.51181	0.90551	1.29921	1.69291	2.08661	2.48031	2.87402	3.26772	3.66142
4	0.15748	0.55118	0.94488	1.33858	1.73228	2.12598	2.51969	2.91339	3.30709	3.70079
5	0.19685	0.59055	0.98425	1.37795	1.77165	2.16535	2.55906	2.95276	3.34646	3.74016
6	0.23622	0.62992	1.02362	1.41732	1.81102	2.20472	2.59843	2.99213	3.38583	3.77953
7	0.27559	0.66929	1.06299	1.45669	1.85039	2.24409	2.63780	3.03150	3.42520	3.81890
8	0.31496	0.70866	1.10236	1.49606	1.88976	2.28346	2.67717	3.07087	3.46457	3.85827
9	0.35433	0.74803	1.14173	1.53543	1.92913	2.32283	2.71653	3.11024	3.50394	3.89764

MM	INCH	MM	INCH	MM	INCH
0.001	0.000039	0.01	0.000393	0.1	0.003937
0.002	0.000079	0.02	0.000787	0.2	0.007874
0.003	0.000118	0.03	0.001811	0.3	0.011811
0.004	0.000157	0.04	0.001575	0.4	0.015748
0.005	0.000197	0.05	0.001969	0.5	0.019685
0.006	0.000236	0.06	0.002362	0.6	0.023622
0.007	0.000276	0.07	0.002756	0.7	0.027559
0.008	0.000315	0.08	0.003150	0.8	0.031496
0.009	0.000354	0.09	0.003543	0.9	0.035433

MM	100	150	200	250	300	350
0	3.93701	5.90551	7.87402	9.84252	11.8110	13.7795
5	4.13386	6.10236	8.07087	10.0394	12.0079	13.9764
10	4.33071	6.29921	8.26772	10.2362	12.2047	14.1732
15	4.52756	6.49606	8.46457	10.4331	12.4016	14.3701
20	4.72441	6.69291	8.66142	10.6299	12.5984	14.5669
25	4.92126	6.88976	8.85827	10.8268	12.7953	14.7638
30	5.11811	7.09661	9.05512	11.0236	12.9921	14.9606
35	5.31496	7.28346	9.25197	11.2205	13.1890	15.1575
40	5.51181	7.48031	9.44882	11.4137	13.3858	15.3543
45	5.70866	7.67716	9.64567	11.6142	13.5827	15.5512