

C Series



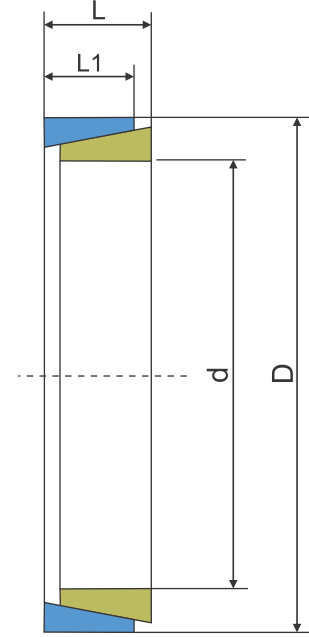
C Series

- Low torque
- Not self-centering
- Low axial and radial dimensions
- Additional thrusting needed

Technical qualification

Tolerance : Shaft h8 / Hub H8

Surface roughness : Ra max. 12.5



Part No.	Size (mm)	Dimensions (mm)	Rated Load		Contact Pressure		Weight (Approx.) (kg)
	dxDxL	L1	Axial (KN)	Torque (N.m)	Shaft (Mpa)	Hub (Mpa)	
OBC-6x9x4.5 C	6x9x4.5	3.7	0.83	2	116	76	0.002
OBC-7x10x4.5 C	7x10x4.5	3.7	0.85	3	101	67	0.002
OBC-8x11x4.5 C	8x11x4.5	3.7	1.22	5	125	94	0.002
OBC-9x12x4.5 C	9x12x4.5	3.7	1.83	8	146	109	0.002
OBC-10x13x4.5 C	10x13x4.5	3.7	1.83	10	130	101	0.002
OBC-12x15x4.5 C	12x15x4.5	3.7	1.91	11	115	90	0.002
OBC-13x16x4.5 C	13x16x4.5	3.7	1.96	13	107	87	0.002
OBC-14x18x6.3 C	14x18x6.3	5.3	3.31	23	120	94	0.005
OBC-15x19x6.3 C	15x19x6.3	5.3	3.34	25	113	88	0.005
OBC-16x20x6.3 C	16x20x6.3	5.3	3.40	28	110	89	0.006
OBC-17x21x6.3 C	17x21x6.3	5.3	3.59	29	102	82	0.006
OBC-18x22x6.3 C	18x22x6.3	5.3	3.68	33	102	82	0.007
OBC-19x24x6.3 C	19x24x6.3	5.3	4.96	47	133	105	0.007
OBC-20x25x6.3 C	20x25x6.3	5.3	5.54	55	140	109	0.009
OBC-22x26x6.3 C	22x26x6.3	5.3	5.88	65	132	113	0.007
OBC-24x28x6.3 C	24x28x6.3	5.3	5.89	73	130	110	0.008
OBC-25x30x6.3 C	25x30x6.3	5.3	6.02	73	117	97	0.009
OBC-28x32x6.3 C	28x32x6.3	5.3	6.13	85	112	97	0.010
OBC-30x35x6.3 C	30x35x6.3	5.3	6.14	90	99	84	0.011
OBC-32x36x6.3 C	32x36x6.3	5.3	7.99	127	126	112	0.011
OBC-35x40x7.0 C	35x40x7.0	6.0	9.20	166	121	107	0.016
OBC-36x42x7.0 C	36x42x7.0	6.0	9.48	166	113	98	0.019
OBC-38x44x7.0 C	38x44x7.0	6.0	9.84	186	113	98	0.021
OBC-40x45x8.0 C	40x45x8.0	6.6	10.8	226	113	103	0.021
OBC-42x48x8.0 C	42x48x8.0	6.6	11.3	226	106	91	0.026
OBC-45x52x10 C	45x52x10	8.6	16.2	364	108	98	0.045



Part No.	Size (mm)	Dimensions (mm)	Rated Load		Contact Pressure		Weight (Approx.) (kg)
	dxDxL	L1	Axial (KN)	Torque (N.m)	Shaft (Mpa)	Hub (Mpa)	
OBC-48x55x10 C	48x55x10	8.6	24	589	160	139	0.043
OBC-50x57x10 C	50x57x10	8.6	25	608	152	131	0.045
OBC-55x62x10 C	55x62x10	8.6	25	700	146	130	0.049
OBC-56x64x12 C	56x64x12	10.4	28	810	134	118	0.07
OBC-60x68x12 C	60x68x12	10.4	28	830	120	106	0.07
OBC-63x71x12 C	63x71x12	10.4	29	880	116	102	0.08
OBC-65x73x12 C	65x73x12	10.4	30	970	117	102	0.09
OBC-70x79x14 C	70x79x14	12.2	37	1310	119	105	0.12
OBC-71x80x14 C	71x80x14	12.2	38	1390	119	109	0.11
OBC-75x84x14 C	75x84x14	12.2	39	1440	114	99	0.12
OBC-80x91x17 C	80x91x17	15.0	54	2160	123	103	0.21
OBC-85x96x17 C	85x96x17	15.0	58	2450	122	107	0.21
OBC-90x101x17 C	90x101x17	15.0	60	2700	119	104	0.22
OBC-95x106x17 C	95x106x17	15.0	61	2900	114	105	0.23
OBC-100x114x21 C	100x114x21	18.7	83	4160	119	104	0.39
OBC-110x124x21 C	110x124x21	18.7	91	5000	116	102	0.42
OBC-120x134x21 C	120x134x21	18.7	103	6170	122	107	0.46
OBC-130x148x28 C	130x148x28	25.3	145	9400	118	103	0.86
OBC-140x158x28 C	140x158x28	25.3	162	11000	122	107	0.96
OBC-150x168x28 C	150x168x28	25.3	177	13300	124	108	1.00
OBC-160x178x28 C	160x178x28	25.3	186	14900	122	112	1.00
OBC-170x191x33 C	170x191x33	30.0	236	20100	124	108	1.54
OBC-180x201x33 C	180x201x33	30.0	238	21500	121	106	1.61
OBC-190x211x33 C	190x211x33	30.0	258	24400	121	111	1.80
OBC-200x224x38 C	200x224x38	34.8	320	32000	122	107	2.4
OBC-210x234x38 C	210x234x38	34.8	343	36000	124	113	2.5
OBC-220x244x38 C	220x244x38	34.8	348	38000	121	111	2.6
OBC-230x257x43 C	230x257x43	39.5	388	45000	114	100	3.4
OBC-240x267x43 C	240x267x43	39.5	419	51000	120	110	3.8
OBC-250x280x48 C	250x280x48	44.0	425	53000	101	90	4.8
OBC-260x290x48 C	260x290x48	44.0	435	56500	100	89	4.9
OBC-270x300x48 C	270x300x48	44.0	450	61000	100	89	5.0
OBC-280x313x53 C	280x313x53	49.0	519	74700	103	92	6.4
OBC-290x323x53 C	290x323x53	49.0	527	75200	97	86	6.5
OBC-300x333x53 C	300x333x53	49.0	540	79000	95	85	6.8
OBC-320x360x65 C	320x360x65	59.0	740	119000	104	93	11.0
OBC-340x380x65 C	340x380x65	59.0	785	133600	104	93	11.5
OBC-360x400x65 C	360x400x65	59.0	810	145000	101	91	12.3
OBC-380x420x65 C	380x420x65	59.0	880	168500	105	95	13.0
OBC-400x440x65 C	400x440x65	59.0	887	176000	99	89	13.7
OBC-420x460x65 C	420x460x65	59.0	888	186000	95	86	14.1
OBC-440x480x65 C	440x480x65	59.0	970	213000	99	89	14.8
OBC-460x500x65 C	460x500x65	59.0	1040	240000	102	93	15.5
OBC-480x520x65 C	480x520x65	59.0	1080	261000	102	93	16.0
OBC-500x540x65 C	500x540x65	59.0	1090	270000	97	88	16.7

Inch size and special dimensions available upon request.

