



L1764

Material

Aluminium with aluminium-oxide ceramic coating (4-7 μ). Hardness >80 HRC.

Technical notes

Concentricity is better than 15 μ . Available with or without seals, if seals are required, please contact our sales team.

Temperature range: -130°C to +200°C.

Tips

Can be run on hardened or soft steel shafts, tolerance h6, all part no. L1770-L1776. For dynamic load ratings, this is linked to PV (pressure velocity) - see technical pages for calculations.

Load ratings are straight compressive loads on a horizontal. They do not take into account moment loads or orientations such as inverse or vertical arrangements.

Bore tolerances where d_1 is:
 5-16: +0,0, -0.04 to -0.07
 20-30: +0,0, 0.05 to -0.07
 40-60: +0,0, 0.05 to -0.09
 80: +0,0, 0.12 to -0.17

Order No.	Type	d_1 for tolerances see tips	d_2 tol. h7	l_1 tol. h14	l_2 tol. h13	l_3	Max. static load C_0 kN
L1764.005	Standard	5	12	22	12	1,10	2,4
L1764.008	Standard	8	16	25	14	1,10	4,3
L1764.012	Standard	12	22	32	20	1,30	8,2
L1764.016	Standard	16	26	36	22	1,30	12,0
L1764.020	Standard	20	32	45	28	1,60	19,0
L1764.025	Standard	25	40	58	40	1,85	35,0
L1764.030	Standard	30	47	68	48	1,85	43,0
L1764.040	Standard	40	62	80	58	2,15	68,0
L1764.050	Standard	50	75	100	72	2,65	106,0
L1764.060	Standard	60	90	125	95	3,20	159,0
L1764.080	Standard	80	120	165	125	4,20	277,0
L1764.008-SA	Self Align.	8	16	25	14	1,10	4,3
L1764.012-SA	Self Align.	12	22	32	20	1,30	8,2
L1764.016-SA	Self Align.	16	26	36	22	1,30	12,0
L1764.020-SA	Self Align.	20	32	45	28	1,60	19,0
L1764.025-SA	Self Align.	25	40	58	40	1,85	35,0
L1764.030-SA	Self Align.	30	47	68	48	1,85	43,0
L1764.040-SA	Self Align.	40	62	80	58	2,15	68,0
L1764.050-SA	Self Align.	50	75	100	72	2,65	106,0
L1764.060-SA	Self Align.	60	90	125	95	3,20	159,0
L1764.080-SA	Self Align.	80	120	165	125	4,20	277,0