

L1707

Material

Hardened and ground body from bearing steel. Single body resin retainer (POM). Supplied with nitrile rubber (NBR) end-seals -UU as standard.


Technical notes

For use with hardened shafts only (see part nos. L1770 - L1772) - tolerance h6. Perpendicularity . A is better than 15µ.
 Temperature range: -20°C to +80°C.
 Steel ball retainers can be supplied for higher temperature applications up to +120°C - with no end seals.
 Please advise at time of ordering if

this is required.

Tips

d_2 is the dimension before the bush has been slotted. Superball linear bearings are also available (3 x load rating of standard bushings and 27 x travel life see part nos. L1740 and L1742.)

Order No.	d_1 tol. H6	d_2 tol. h6	l_1 +0 -0,3	d_3	l_2 +0 -0,3	l_3	w_1	α°	No. of ball circuits	Max. dynamic load C N	Max. static load C_0 N	 g
L1707.012	12	22	32	21,0	22,9	1,30	7,3	78°	3	410	590	41
L1707.016	16	26	36	24,9	24,9	1,30	10,0	78°	4	770	1170	57
L1707.020	20	32	45	30,3	31,5	1,60	10,0	60°	5	860	1370	91
L1707.025	25	40	58	37,5	44,1	1,85	12,5	60°	6	980	1560	215
L1707.030	30	47	68	44,5	52,1	1,85	12,5	50°	6	1560	2740	325
L1707.040	40	62	80	59,0	60,6	2,15	16,8	50°	6	2150	4010	705
L1707.050	50	75	100	72,0	77,6	2,65	21,0	50°	6	3820	7930	1130
L1707.060	60	90	125	86,5	101,7	3,15	27,2	54°	6	4700	9990	2220