



L1873

BEARING MOUNTS

Material

Stainless steel (AISI 304), with smooth surfaces. Bearing stainless steel (440C) with 2RS seals, lubricated with food grade grease (USDA approved).

Technical Notes

Self-aligning bearing units.
Temperature range for bearings: -15°C to

+120°C.

Resistant to a moisture and a wide range of aggressive chemicals.

For optional shaft end caps add suffixes:
-CO for one open protective cap (with seal) for through shafts
-CC for closed protective cap for shaft ends.

Tips

Shaft retention with two set screws (at 120° offset).
Used with h6 tolerance shafts (see our part no.s L1770-L1776).
Maximum housing loads measured @ 20°C.

Order No.	d ₁ for h6	l ₁	d ₂	d ₃	h ₁	l ₂	w ₁	w ₂ +0.3 -0	w ₃	w ₄	Weight kg
L1873.012	12	112	12	90	46	31.0	33.3	25.5	12	0.52	60
L1873.015	15	112	12	90	46	31.0	33.3	25.5	12	0.51	60
L1873.017	17	112	12	90	46	31.0	33.3	25.5	12	0.49	60
L1873.020	20	112	12	90	54	31.0	33.3	25.5	12	0.47	60
L1873.025	25	125	16	99	60	34.1	35.8	27.0	13	0.60	68
L1873.030	30	141	16	117	70	38.1	40.2	31.0	13	0.89	80
L1873.035	35	156	16	130	80	42.9	44.4	33.0	15	1.18	90
L1873.040	40	172	19	144	88	49.2	51.2	36.0	15	1.53	100
L1873.045	45	180	19	148	95	49.2	52.2	38.0	15	1.81	108
L1873.050	50	190	19	157	100	51.6	54.6	39.0	16	2.17	115

Order No.	w ₅	w ₆	w ₇	Dyn. load C kN max.	Static bearing load C ₀ kN max.	Housing load F ₁ kN max.	Torque screw to Nm	Set screw size	Axial load F ₆ kN max.
L1873.012	15	12.7	37.8	10.1	6.8	48	8.5	M 6x1	24
L1873.015	15	12.7	37.8	10.1	6.8	48	8.5	M 6x1	24
L1873.017	15	12.7	37.8	10.1	6.8	48	8.5	M 6x1	24
L1873.020	15	12.7	37.8	10.1	6.8	48	8.5	M 6x1	24
L1873.025	16	14.3	39.9	11.0	8.0	76	20	M 8x1	32
L1873.030	18	15.9	44.4	15.3	11.5	76	20	M 8x1	40
L1873.035	19	17.5	47.7	20.1	15.6	80	40	M 10x1,25	46
L1873.040	21	19.0	54.4	22.8	18.2	82	40	M 10x1,25	54
L1873.045	22	19.0	55.9	25.7	20.8	120	40	M 10x1,25	64
L1873.050	22	19.0	59.8	27.5	23.7	124	40	M 10x1,25	78