



L1876

BEARING MOUNTS

Material

Thermoplastic (PBT) housing, with smooth surfaces. Stainless steel bearings (440C) with 2RS seals and sleeves for fixing bolts. Bearing lubricated with food grade grease.

Temperature range for bearings: -15°C to +120°C.

Resistant to a wide range of chemicals. Provide good protection against bacterial contamination.

120° offset).

Used with h6 tolerance shafts (see our part no.s L1770-L1776).

For protective end caps see L1879.

Technical Notes

Self-aligning bearing units.

Tips

Shaft retention with two set screws (at

Order No.	d ₁ for h6	l ₁	w ₁	w ₂	w ₃	d ₂	d ₃	d ₄	d ₅	h ₁	h ₂ +0 -0.8	h ₃	l ₂	Weight kg
L1876.020	20	127.0	31.0	38.0	12.7	29.0	11.0	14.0	M10	33.3	65.0	14.2	95.0	0.30
L1876.025	25	140.0	34.0	38.0	14.3	34.0	11.0	14.0	M10	36.5	71.0	14.5	105.0	0.35
L1876.030	30	162.0	38.1	46.0	15.9	40.5	14.0	18.0	M12	42.9	83.0	17.8	119.0	0.55
L1876.035	35	167.0	42.9	48.0	17.5	48.0	14.0	18.0	M12	47.6	94.0	18.0	127.0	0.78
L1876.040	40	184.0	49.2	54.0	19.0	53.0	14.0	18.0	M12	49.2	98.0	19.5	137.0	0.98

Order No.	Speed rpm max.	Static radial bearing load C ₀ kN max.	Housing load F ₁ kN max.	Housing load F ₂ kN max.	Housing load F ₃ kN max.	Axial load F ₄ kN max.	Set screw size	Torque screw to Nm
L1876.020	7400	5.3	1.7	1.4	1.3	0.7	M6x1	3.9
L1876.025	6200	6.3	2.0	1.5	1.3	0.9	M6x1	3.9
L1876.030	5300	9.0	2.5	1.8	2.0	1.3	M6x1	3.9
L1876.035	4500	12.3	3.0	2.1	2.1	1.6	M8x1	8.3
L1876.040	4000	14.3	3.0	2.1	2.1	1.6	M8x1	8.3