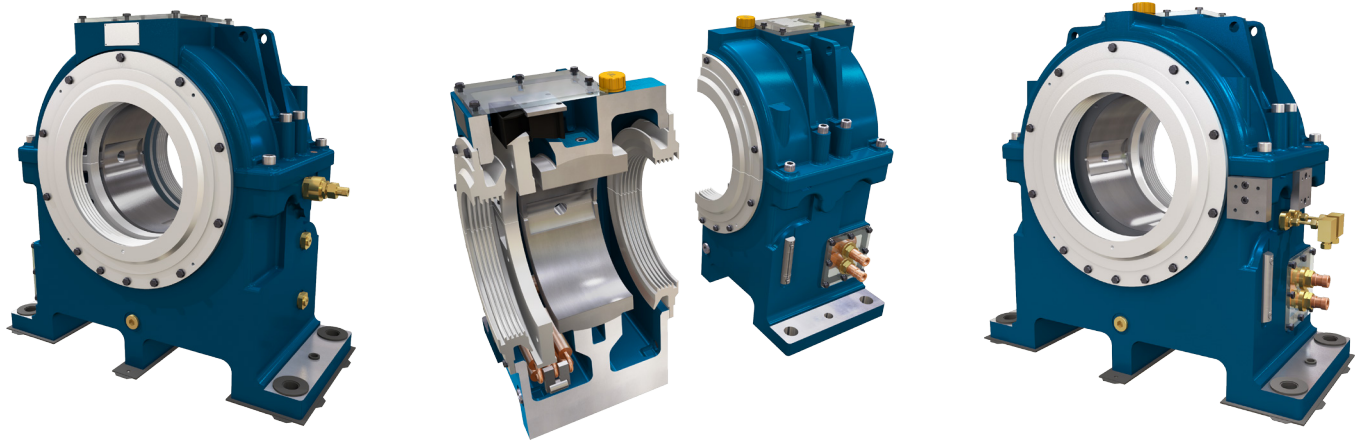


Industrial Horizontal (IH) Series

Modular range of horizontal shaft thrust and journal bearings

- 11 frame sizes covering a shaft diameter range of 280-1000mm
- Radial load capacity up to 1388kN
- Axial load capacity up to 784kN
- Radial loads are supported on a spherically seated, whitmetal lined journal bush, which is supplied in halves
- Available with water cooling, circulating oil cooling or air cooling



IH Series running load

Frame size	Maximum shaft journal diameter mm	Journal load kN	Location load kN	Thrust load standard centre pivot kN	Thrust load maximum offset pivot kN
32	315	138	14	50	77
36	355	178	18	63	99
40	400	225	24	80	125
45	450	281	31	102	158
50	500	350	37	125	197
56	560	434	48	157	247
63	630	551	61	199	310
71	710	701	78	253	394
80	800	890	98	321	502
90	900	1125	125	407	637
100	1000	1388	156	502	784

Notes

Location load shown corresponds to the maximum shaft diameter within each frame size. Higher loads are possible for smaller diameter shafts.

Operating speeds

IH Series bearings will generally operate water cooled for shaft linear speeds of up to 25m/s. Using circulating oil cooling, shaft speeds of up to 34m/s may be achieved.