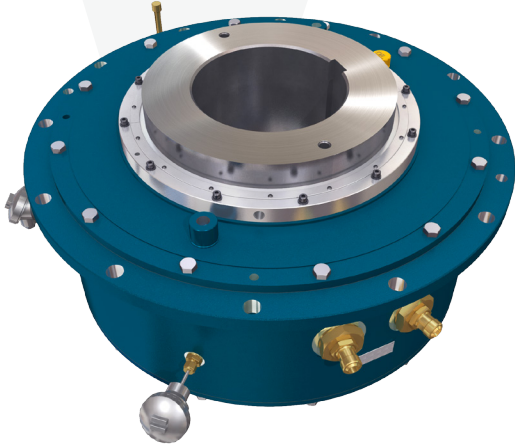


## Vertical Guide (V) Series

Compact, self contained range of vertical guide bearings

- 10 frame sizes covering a shaft diameter range of 96-480mm
- Radial load capacity up to 68kN
- Radial loads are supported on line pivoted whitmetal faced tilting pads
- Available with water cooling, circulating oil cooling or air cooling



### V Series capacity

Standard frame size	Mean surface projected (mm <sup>2</sup> )	Maximum radial *load kN	Journal axial length (mm)	Nominal diametric clearance CD (mm)	Guide bearing max. shaft/sleeve dia. (mm)
5	2026	2.5	28.5	0.14	96
6	3030	3.8	35	0.15	120
7	4056	5.0	40	0.18	140
8	5345	9.2	46	0.20	160
9	8391	14.5	58	0.25	200
10	11814	20.4	68	0.30	250
11	15817	27.3	78	0.35	280
12	21328	36.8	92	0.40	320
13	25878	44.3	100	0.45	380
14	39445	68.0	125	0.55	480

Number of journal pads/bearing = 8

#### Notes

\* The maximum radial load can vary and is dependent upon the viscosity of oil used in the bearing and the speed of the rotating collar journal. Therefore the above figures are for your guidance only - based on a unit load of 1723 kN/m<sup>2</sup> (250 lbs/in<sup>2</sup>).