Flange Units

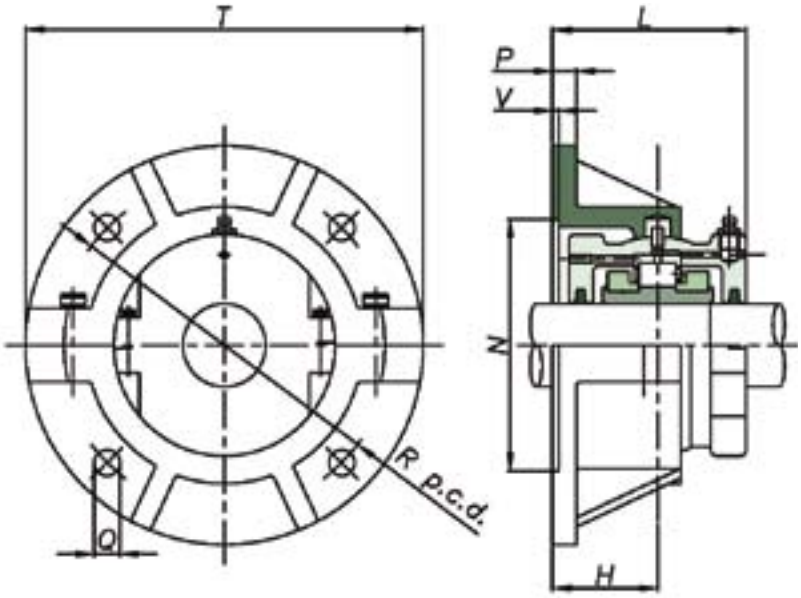
When faced with flat horizontal or vertical faces, flange units offer a simple mounting solution. As with Pillow block supports, Flange units are produced with spherical location to accommodate standard bearing housings and provide easy initial alignment of shaft and equipment.

To facilitate positive location of the flange to the surface, the rear face is recessed (dimensions N & V). This allows for a spigot (Tolerance f8) to be located into the flange.

Bearing inspection is simply a matter of removing the top half of the flange and housing. Bearing replacement may also be achieved in the same manner if required.

When integrating flange units into new applications, it should be noted that a maximum radial load equivalent to $0.26C_{or}$ is permissible. A maximum axial load of $0.25C_a$ must also be taken into account for applications with thrust loading. Units for vertically oriented shafts may also need special consideration given to sealing arrangements.

As always, SRB Technical Services will be happy to advise on any application issues.



Flange Units

Shaft (d) mm	Shaft (d) inch	Flange Reference	T	Bolts	R	P	H	N	V	L
120 125 130	47/16 41/2 415/16 5	F10	530 20.9	4 x M24	460 18.1	34 1.3	122 4.8	390.45 15.372	7 0.3	233 9.2
150 155	511/16 53/4 515/16 6	F31	648 25.5	4 x M24	574 22.6	44 1.7	137 5.4	495.35 19.502	7 0.3	264 10.4
170 175 180	611/16 63/4 615/16 7	F33	724 28.5	4 x M24	638 25.1	44 1.7	156 6.1	546.15 21.502	8 0.3	298 11.7
240 250 260	91/2 93/4 10	F36	890 35.0	4 x M24	796 31.3	48 1.9	181 7.1	692.20 27.252	8 0.3	348 13.7