

EXALIGN[®]

SELF-ALIGNING PEDESTAL AND FLANGE BEARING HOUSING



APPLICATIONS

Industrial – Wind energy plants, car washes, cleaning machines, drum systems, bevelling equipment, handling systems, conveyor belts (pulleys), printing machines, heating and ventilation equipment, hoists, cranes, textile machinery, special machine engineering, bakery equipment, marine equipment.

CHARACTERISTICS

- Adjusting bearing for misalignment equalisation
- All-purpose as flanged or pedestal bearing, suitable for high loads
- Self-aligning spheric avoids edge load to the bearing
- Adjustable up to $\pm 5^\circ$
- Spheric is secured against distortion
- Depending on choice of housing, spherics and bearings, simple to most demanding bearing solutions are possible
- For optimum design solutions, various bearings from the GGB product programme are applicable

AVAILABILITY

Made to order: pillow block, plummer blocks

Housing material: Cast iron

Spherical material: Cast iron

Corrosion-free and corrosion resistant models possible



LOAD LIMIT VALUES FOR RADIAL FORCES		TYPE PB 2-HOLE PEDESTAL BEARING	TYPE FL/DF 4-HOLE/2-HOLE FLANGE BEARING
SIZE	BUSH ID, mm	MAX. RADIAL LOAD [N]	MAX. RADIAL LOAD [N]
1	10 - 15	4 250	3 750
2	20 - 25	7 700	5 900
3	30	9 500	8 000
4	35 - 40	17 000	11 000
5	45	23 000	12 000
6	50	25 000	14 500
7	55 - 60	30 000	16 000
8	70 - 75	38 000	17 000
9	80 - 85	45 500	27 000
10	90 - 100	74 500	30 500