


EXALIGN™ Self-aligning Bearing Housings	Characteristics	Applications
	<ul style="list-style-type: none"> <li>• Adjusting bearing for misalignment equalisation</li> <li>• All-purpose as flange or pedestal bearing, suitable for high loads</li> <li>• Self-aligning spheric avoids edge load to the bearing</li> <li>• Adjustable up to <math>\pm 5^\circ</math></li> <li>• Spheric is secured against distortion</li> <li>• Depending on choice of housing, spherics and bearings, simple to most demanding bearing solutions are possible</li> <li>• For optimum design solutions, various bearings from the GGB product programme are applicable</li> </ul>	<p><b>Industrial</b></p> <p>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</p>

Composition & Structure	Availability
<p>Housing material: Cast Iron Spherical material: Cast Iron Corrosion-free and corrosion resistant models possible</p>	<p><b>Ex Stock</b></p> <ul style="list-style-type: none"> <li>• N/A</li> </ul> <p><b>To order</b></p> <ul style="list-style-type: none"> <li>• Order related production</li> </ul>

Load limit values for radial forces		Type PB 2-hole pedestal bearing	Type DF / FL 2-hole / 4-hole flange bearing
Size	Bush ID $D_i$ [mm]	max. radial load [N]	max. radial load [N]
1	10 - 15	4250	3750
2	20 - 25	7700	5900
3	30	9500	8000
4	35 - 40	17000	11000
5	45	23000	12000
6	50	25000	14500
7	55 - 60	30000	16000
8	70 - 75	38000	17000
9	80 - 85	45500	27000
10	90 - 100	74500	30500