



S2000-HD

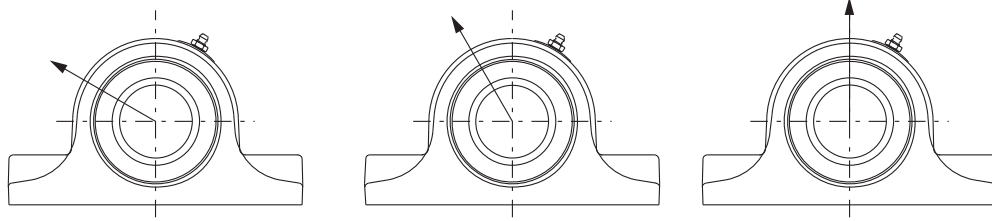


Table 8: Steel Housed S2000 - Housing Ratings*

Shaft Sizes	Basic Bearing Description	Maximum Recommended Housing Loads, lb	
		P2B	P4B
1-3/8	22208	24400	
1-7/16			
1-1/2			
1-11/16	22209	26400	
1-3/4			
1-15/16	22210	30200	
2			
2-3/16	22211	35400	
2-7/16	22213	51300	
2-11/16	22215	59700	52800
2-15/16			
3			
3-7/16	22218	90700	95500
3-15/16	22220		115000
4-7/16	22222		152100
4-15/16	22226		188200

* It is important to note that the values listed above are housing fracture loads from various applied directions. These loads may exceed bearing, mounting bolt and/or shaft capacities. Applications subject to heavy housing loads, particularly shock loads, must adhere to the following procedures:

- (1) The pillow block base bolts must be of high strength (Grade 8) bolts and properly tightened to mounting structure.
- (2) Stop bars (shear strips) should be used against the plummer block where side loads are encountered.
- (3) In all cases where loads are heavy, the L_{10} life of the bearing should be checked for proper selection and life requirements.