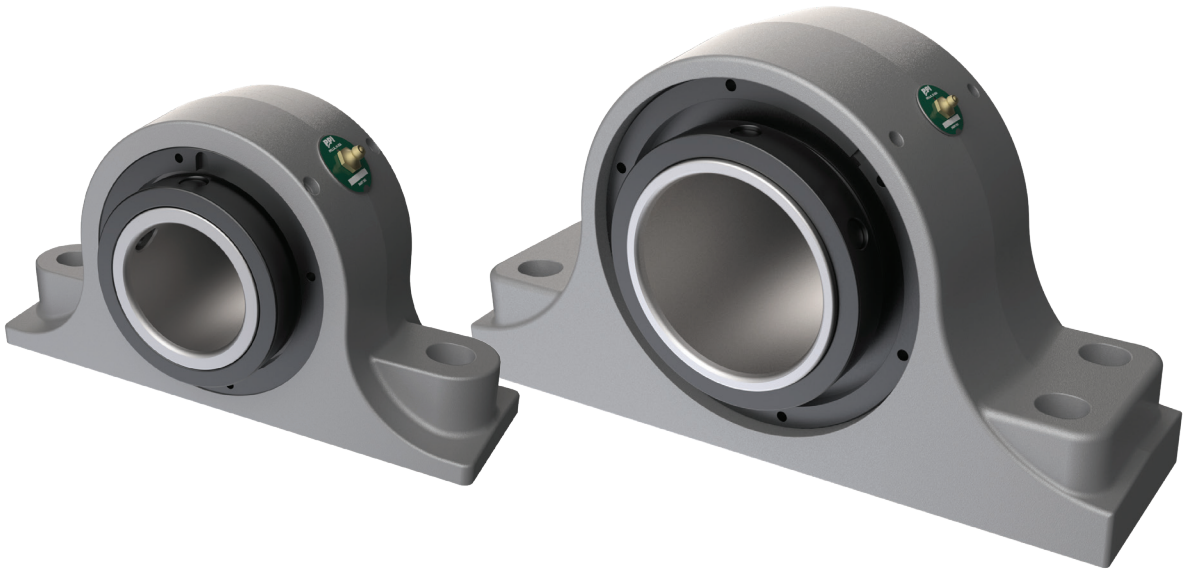
TYPE E 2ND GEN BEARING



The PPI Type E pillow block bearing is engineered specifically to handle the demanding conditions of conveyor applications. It features a double-row spherical bearing that accommodates misalignment of up to ±2 degrees, making it highly forgiving in challenging mounting positions. In addition, a trip-lip nitrile contact seal delivers reliable protection against the heavy contamination typically found in conveyor environments.

FEATURES AND BENEFITS

- Rugged one piece cast iron housing
- Precision spherical bearing with the ability to misalign ±2°
- Set screw mount for fast simple shaft attachment
- Effective triple lip contact seals
- Slotted mounting holes for maximum versatility
- Designed for conveyor applications
- Stocked at service centers for quick delivery

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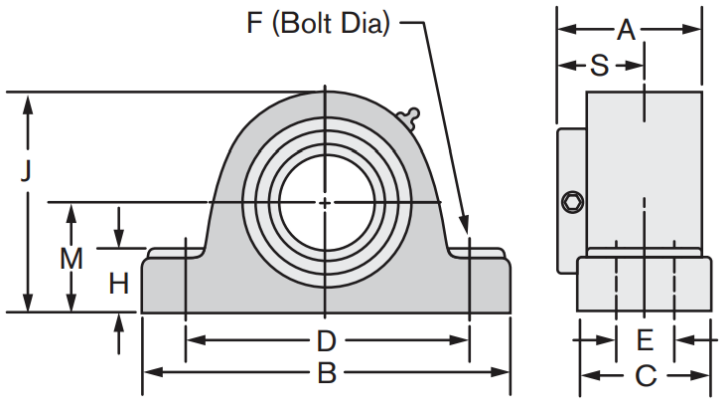

Release	Part No.	Shaft Diameter	Dimensions											Weight (lb)	Dynamic Load Rating (Lb)
			A	B	C	D		# of Bolts	E	F	H	J	M	S	
						min	MAX								
2nd	E2B107	1 7/16	2.81	7.38	2.13	5.63	5.88	2	-	1/2	1.13	3.75	1.88	1.75	7	23,400
2nd	E2B115	1 15/16	3.14	8.88	2.50	6.88	7.13	2	-	5/8	1.31	4.50	2.25	1.89	12	26,300
2nd	E2B203	2 3/16	3.31	9.62	2.63	7.63	7.88	2	-	5/8	1.50	5.00	2.50	2.00	15	31,400
2nd	E2B207	2 7/16	3.58	10.50	2.88	8.38	8.63	2	-	5/8	1.63	5.71	2.75	2.15	23	46,400
2nd	E2B215	2 15/16	3.87	12.00	3.00	9.34	9.66	2	-	3/4	1.88	6.25	3.13	2.37	28	49,900
2nd	E2B307	3 7/16	4.34	14.00	3.50	10.81	11.19	2	-	7/8	2.25	7.50	3.75	2.59	47	79,700
4 Bolt Blocks																
2nd	E4B207	2 7/16	3.58	10.50	3.5	8.31	8.70	4	1.88	5/8	1.62	5.71	2.75	2.15	22	46,400
2nd	E4B215	2 15/16	3.87	12.00	4	9.19	9.81	4	2.13	5/8	1.88	6.25	3.13	2.37	30	49,900
2nd	E4B307	3 7/16	4.03	13.50	4.50	10.75	11.25	4	2.38	3/4	2.25	7.50	3.75	2.59	47	79,700
2nd	E4B315	3 15/16	4.90	15.25	4.50	12.25	12.75	4	2.25	3/4	2.44	8.50	4.25	2.97	72	97,700
2nd	E4B407	4 7/16	6.25	16.63	4.50	13.31	13.69	4	2.50	3/4	2.75	9.38	4.75	3.13	92	125,000
2nd	E4B415	4 15/16	7.44	18.50	5.13	15.25	15.75	4	2.89	7/8	3.00	10.88	5.50	3.72	134	170,000

Please note: 2nd Generation PPI Type E bearings can be identified with “Timken” mark on the set screw collar

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