



Key Industries:

- Aggregates
- Air Handling
- Forestry
- Mining
- Steel
- Package Handling

Housing Options:

- 2-bolt pillow block
- Standard and high backing height
- 4-bolt flange
- 4-bolt round flange cartridge
- Take-up
- Fixed
- Float +/- 3/16"

Shaft Sizes:

1 3/16" through 3 15/16"

Accommodates Commercial Grade Shafting:

- 1"-2" nominal to -0.003"
- 2 1/16"- 3 15/16" nominal to -0.004"

Mounting Type:

Shurlok Adapter Mount

General Bearing Information:

- High temperature options include additional internal clearance, steel retainers and optional greases
- Races – precision-ground and super-finished
- Housings – cast iron
- Grease – multi-purpose lithium complex
- N – seal with flingers
- H – seal with flingers

PA 300 Series HD SHURLOK Adapter-Mounted Ball Bearing

Improve your operation's efficiency and profitability

Improve your operation's efficiency and profitability by reducing installation errors, maintenance costs, and downtime with the new PA 300 Series HD SHURLOK® Adapter-Mounted Ball Bearing.

This adapter-mounted ball bearing allows for easy installation and removal. Its one-piece housing unit is factory pre-lubricated with pre-set clearances. The tapered adapter sleeve assembly enables easy removal with no field assembly requirement.

The Spyglass™ Optical Strain Sensing (OSS) Technology reduces installation errors due to overtightening or under-tightening of the adapter assembly. Its positive locking system maintains shaft mounting tightness with a tapered adapter sleeve assembly; OSS technology delivers 25 percent greater shaft grip and does not seize to the shaft.



Super-finished Raceways

Provide a cool running, quiet, high-speed and high-load capacity bearing

Spyglass Optical Strain Sensor (OSS)

- Provides instant feedback for optimal shaft grip
- Eliminates damage to the shaft and bearing caused by improper tightness on the mounting.
- Quick installation: Simply tighten collar until the Spyglass shows a back-to-color pattern.

Rugged One-piece Housing

Positive Locking System

Minimizes vibration; does not require mounting inspections

Case Carburized Inner Ring

Resists fracture under shock and heavy loads

Tapered Adapter Assembly

- Allows for use of commercial-grade shafting
- Shaft grip reduces shaft damage caused by loose mountings
- Easy removal of the bearing from the shaft—saves on maintenance time and damaged shafts
- Accommodates the use of inexpensive commercial grade shafting



Size Code	Shaft Diameter	Expansion		Fixed		A Base to Centerline Height	B Distance Between Bolt Holes	C	D	E	F Bolts	H	M	S	Total Axial Expansion	Approx. Weight
		Part Number	L	Part Number	L											
319	1 3/16	PEA319	4 1/4	PA319	4 1/16	2 1/8	6 7/16	8 1/4	2 3/4	2 1/4	1/2	15/16	2 5/32	1 1/16	3/16	5.50
323	1 7/16	PEA323	4 11/16	PA323	4 1/2	2 3/8	7 3/8	9 1/4	2 47/64	2 3/8	5/8	1	2 3/8	1 1/8	3/16	7.77
328	1 11/16	PEA327	5 5/8	PA327	5 1/2	2 7/8	8 1/4	10 1/4	3 1/8	3	5/8	1 5/16	2 41/64	1 1/8	3/16	13.35
331	1 15/16	PEA331	6 7/32	PA331	6	3 1/8	8 7/8	11 1/8	3 7/32	3 1/8	5/8	1 3/8	2 55/64	1 1/8	1/4	16.00
335	2 3/16	PEA335	6 13/16	PA335	6 5/8	3 1/2	10 1/4	12 5/8	3 23/64	3 3/8	3/4	1 1/2	3 15/64	1 1/4	9/32	24.00
339	2 7/16	PEA339	7 3/16	PA339	7 1/8	3 5/8	11 1/4	13 3/4	3 27/32	3 1/2	3/4	1 5/8	3 19/32	1 3/8	9/32	27.00
344	2 11/16	PEA343	7 15/16	PA343	7 3/4	4	11 13/16	14 5/8	4 1/4	3 3/4	7/8	1 5/8	4 3/32	1 5/8	7/32	36.00
	2 3/4	PEA344		PA344												
347	2 15/16	PEA347	8 3/8	PA347	8 3/8	4 1/4	12	15 1/8	4 17/32	4	7/8	1 3/4	4 3/32	1 5/8	7/32	44.00
351	3 3/16	PEA351	9	PA351	9	4 9/16	12 1/4	15 3/8	5 1/2	4 5/16	7/8	1 15/16	4 61/64	1 5/8	11/32	55.00
356	3 7/16	PEA355	10 1/16	PA355	9 7/8	5 1/8	12 7/8	16 1/8	5 23/64	5	1	2 1/4	4 61/64	1 5/8	11/32	68.00
363	3 15/16	PEA363	11 1/16	PA363	11 1/16	5 11/16	14 1/2	17 5/16	5 29/32	5	1	2 9/16	5 43/64	1 1/2	11/32	98.00

