



# SHURLOK Adapter-Mounted Ball Bearing

PA 300 SERIES HD



OUR INNOVATION MOVES



## 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 installation and removal with no field assembly required.

Its positive locking system maintains shaft mounting tightness with a tapered adapter sleeve assembly; delivers 25 percent greater shaft grip and does not seize to the shaft.

## 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

## 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

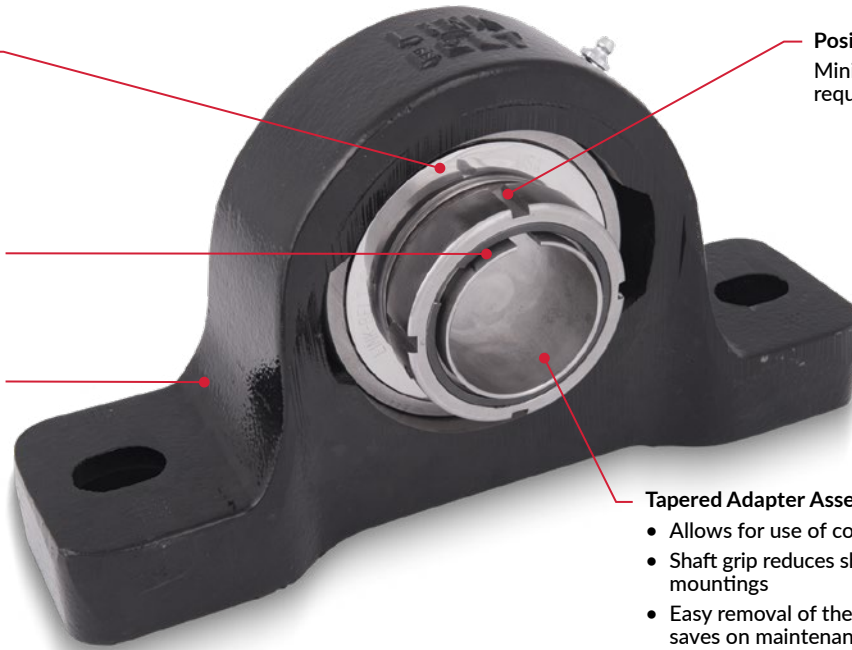


**Super-finished Raceways**  
Provide a cool running, quiet, high-speed and high-load capacity bearing

**Case Carburized Inner Ring**  
Resists fracture under shock and heavy loads

**Rugged One-piece Housing**

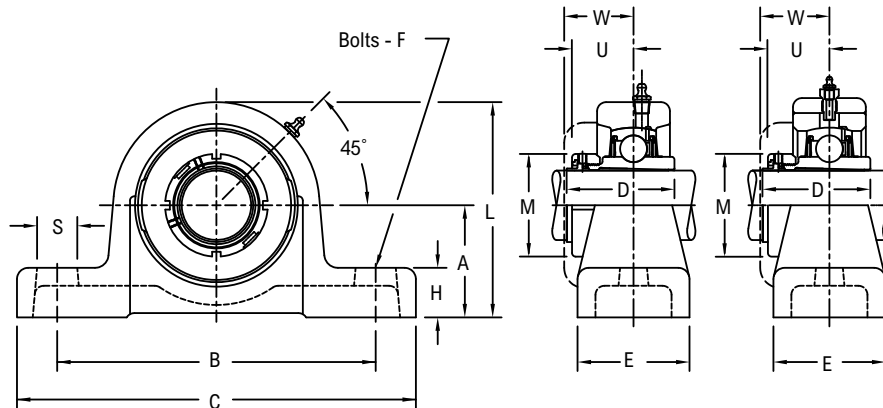
**Positive Locking System**  
Minimizes vibration; does not require mounting inspections



**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
		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



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