

JAYCO



SDJ Series

JAYCO - Heavy-Duty Split Plummer Block Housings

Series - SDJ

PRODUCT OVERVIEW

JAYCO SDJ type bearing housings are robust, heavy-duty split plumber blocks designed for extreme industrial applications. Featuring a heavy ribbed base construction, these housings are engineered to accommodate high radial loads acting at right angles to the foundation surface, making them the preferred choice for steel, cement, and mining industries.

MATERIAL BASE	JAYCO CODE	DESCRIPTION	SUFFIX
Cast Steel	SDJS	Shaft End / End Cover	A
Cast Iron	SDJC	Non-Locating Bearing	L
Spheroidal Graphite Iron (Ductile)	SDJD	Locating Bearing	F
		Labyrinth Seals	TS

TECHNICAL FEATURES

Bearing Compatibility

Optimized for spherical roller bearings of the 231 series on adapter sleeves.
Sealing System: Standardized with JAYCO labyrinth seals for superior contaminant protection.

Lubrication

Designed for grease lubrication with integrated grease nipples; oil-bath modifications available.

Lifting

Sturdy integrated anchoring holes provided on each side for secure handling (replaces standard eye bolts).

Ordering Designation Guide

Specify your JAYCO requirement using the combined logic below:

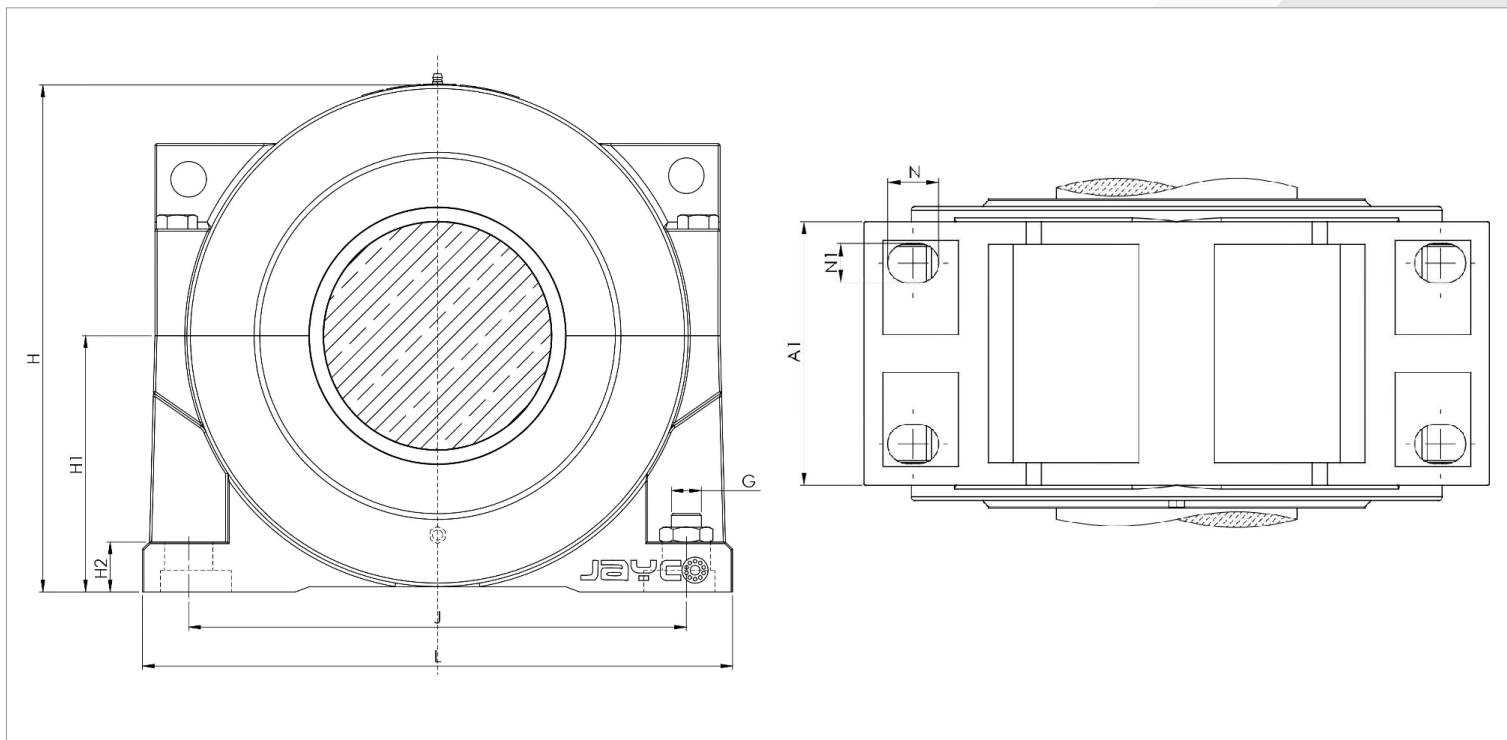
AL: Shaft end housing with end cover, non-locating.

AF: Shaft end housing with end cover, locating.

BL: Through shaft housing, non-locating.

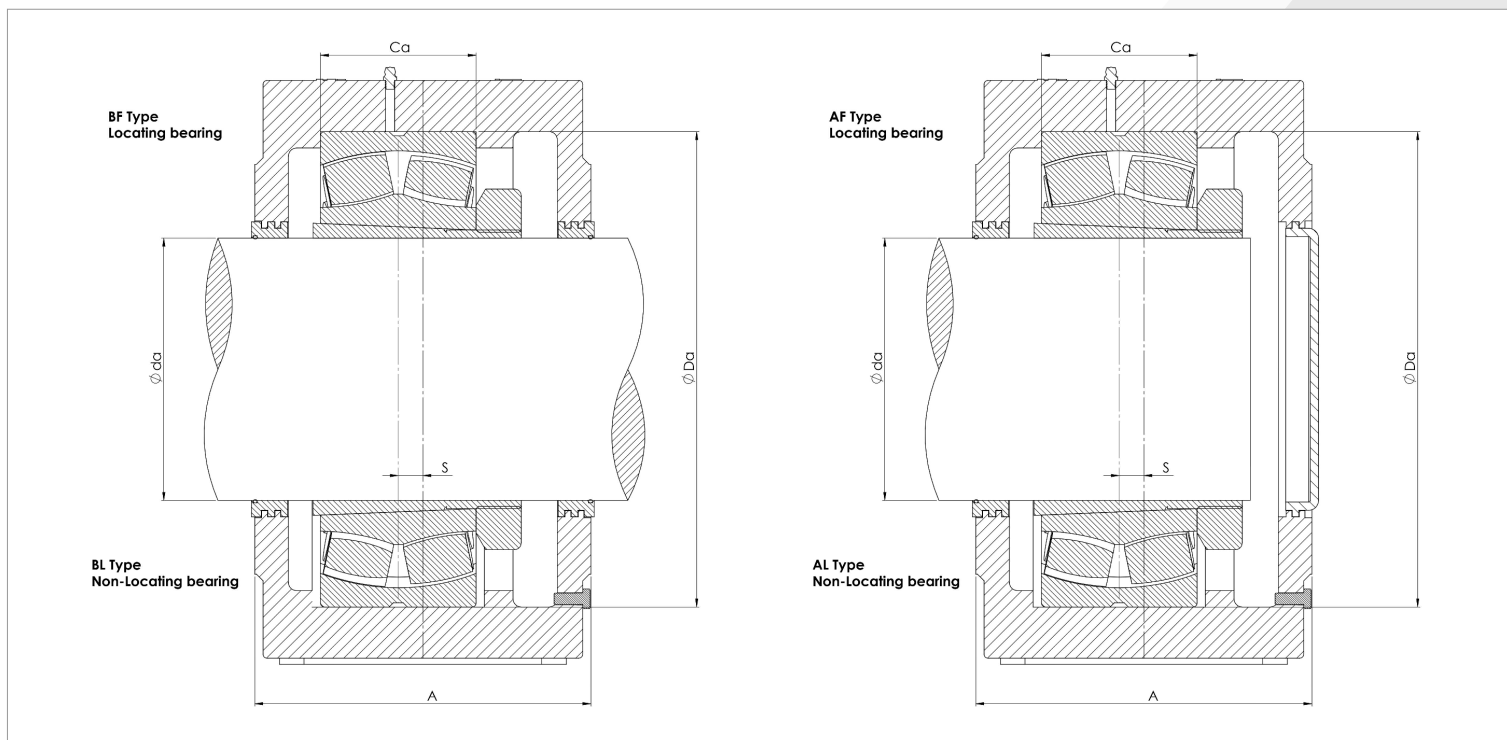
Heavy Duty Plummer Block Bearing Housings

BF: Through shaft housing, locating.



Plummer Block Designation	Shaft Diameter da	Dimensions are in mm														Housing for Through shaft	
		A	A1	Ca*	Da	H	H1	H2	J	J1	L	N	N1	S	G	Locating Bearing	Non-Locating Bearing
SDJC 3168	320	410	350	190	580	705	360	70	700	240	830	68	52	30	42	SDJC 3168 FTS	SDJC 3168 LTS
SDJC 3172	340	410	350	192	600	705	360	70	700	240	830	68	52	30	42	SDJC 3172 FTS	SDJC 3172 LTS
SDJC 3176	360	450	380	194	620	765	390	75	760	280	880	68	52	35	42	SDJC 3176 FTS	SDJC 3176 LTS
SDJC 3180	380	450	380	200	650	765	390	75	760	280	880	68	52	35	42	SDJC 3180 FTS	SDJC 3180 LTS
SDJC 3184	400	480	400	224	700	855	440	80	810	280	940	68	52	35	42	SDJC 3184 FTS	SDJC 3184 LTS
SDJC 3188	410	480	400	226	720	855	440	80	810	280	940	68	52	35	42	SDJC 3188 FTS	SDJC 3188 LTS
SDJC 3192	430	520	440	240	760	920	470	80	880	310	1040	80	60	35	48	SDJC 3192 FTS	SDJC 3192 LTS
SDJC 3196	450	520	440	248	790	920	470	80	880	310	1040	80	60	35	48	SDJC 3196 FTS	SDJC 3196 LTS

* Bearing seating 'Ca' in non-located bearing is 20 mm wider than given dimension.



Shaft Diameter da	Appropriate Bearing	Adapter Sleeve	Separate Components Housing without Seal		Labyrinth Ring With O Section Tube	End cover with O Section Tube	Grease Quantity Initially Kg.
			Locating Bearing	Non-locating Bearing			
320	23168 CCK/W33	OH 3168 H	SDJC 3168 F	SDJC 3168 L	TS 68	ETS 68	19.3
340	23172 CCK/W33	OH 3172 H	SDJC 3172 F	SDJC 3172 L	TS 72	ETS 72	18.1
360	23176 CCK/W33	OH 3176 H	SDJC 3176 F	SDJC 3176 L	TS 76	ETS 76	24.5
380	23180 CCK/W33	OH 3180 H	SDJC 3180 F	SDJC 3180 L	TS 80	ETS 80	23.8
400	23184 CCK/W33	OH 3184 H	SDJC 3184 F	SDJC 3184 L	TS 84	ETS 84	33.3
410	23188 CCK/W33	OH 3188 H	SDJC 3188 F	SDJC 3188 L	TS 88	ETS 88	33.0
430	23192 CCK/W33	OH 3192 H	SDJC 3192 F	SDJC 3192 L	TS 92	ETS 92	42.6
450	23196 CCK/W33	OH 3196 H	SDJC 3196 F	SDJC 3196 L	TS 96	ETS 96	40.4

"Housings intended for shaft-end arrangements, supplied with one end cover, are designated by the suffix 'A', e.g., SDJC 3168 AFTS and SDJC 3168 ALTS."

• Based on 100% Filling