

443000 Series (020 & below)

PRODUCT OVERVIEW

The Bri-Mac 443000 Series split bearing housings are engineered for heavy-duty industrial applications where strength, reliability and ease of maintenance are essential. Developed for use in demanding environments such as steelworks, mining, bulk material handling and process industries, these robust plummer block housings are designed to withstand high loads and severe operating conditions.

Manufactured with solid bases, the 443000 Series provides exceptional structural integrity and long service life. The housings accommodate spherical roller bearings mounted on adapter sleeves and are suitable for grease lubrication. Supplied as standard with rotary shaft seals and split seal retainer plates, they help minimise maintenance requirements while providing dependable bearing protection.

SEALS

The 443000 Series is available with a range of sealing arrangements to suit different operating environments:

- Rotary shaft seals with split seal retainer plates (standard)
- Labyrinth seals (TS type) for enhanced protection against contamination

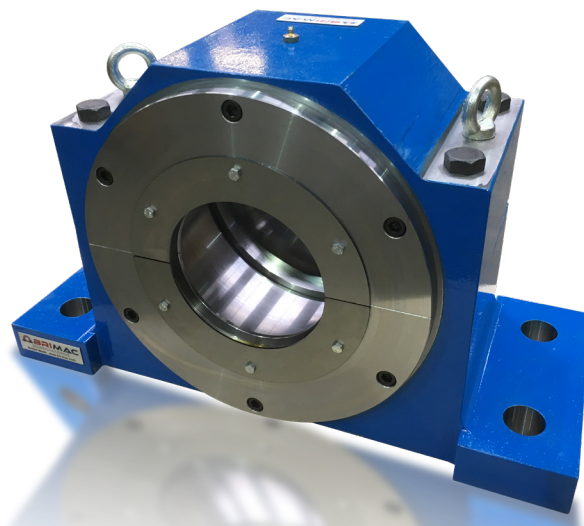
LIFTING & HANDLING

Larger housing sizes are supplied with lifting eyebolts to support safe handling, transportation, installation and maintenance.

MATERIALS

443000 Series bearing housings are available in the following materials:

- Flame-cut steel
- Cast steel
- Low-temperature cast steel



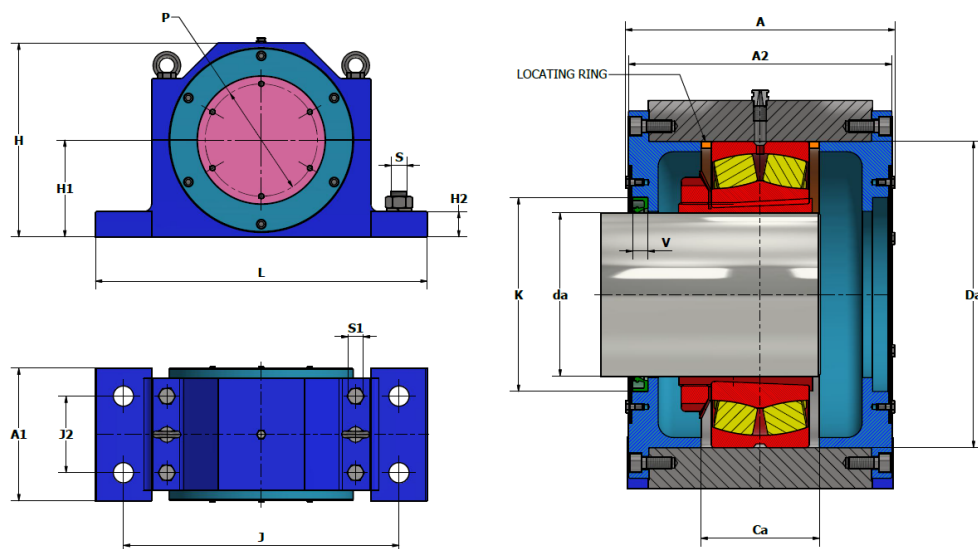
SUPPLEMENTARY DESIGNATIONS

DESIGNATION	DESCRIPTION
Standard	Bearing on adapter sleeve for plain cylindrical shaft
C	Bearing on adapter sleeve for stepped shaft
D	Bearing on withdrawal sleeve for stepped shaft
G	Bearing on stepped shaft with felt and labyrinth seals
H	Bearing on stepped shaft with felt seal, prepared for supplementary V-ring seal
A	Blank shaft housing (with end cover)
B	Through shaft housing
L	Non-locating (free) bearing arrangement
F	Locating (fixed) bearing arrangement
P	Cross-location arrangement
V	Housing supplied with grease escape hole
D	Housing for bearings with cylindrical bore (444 series only)
TS	Housing fitted with labyrinth seals
TAC	Housing fitted with taconite seals

HOUSING CONFIGURATIONS

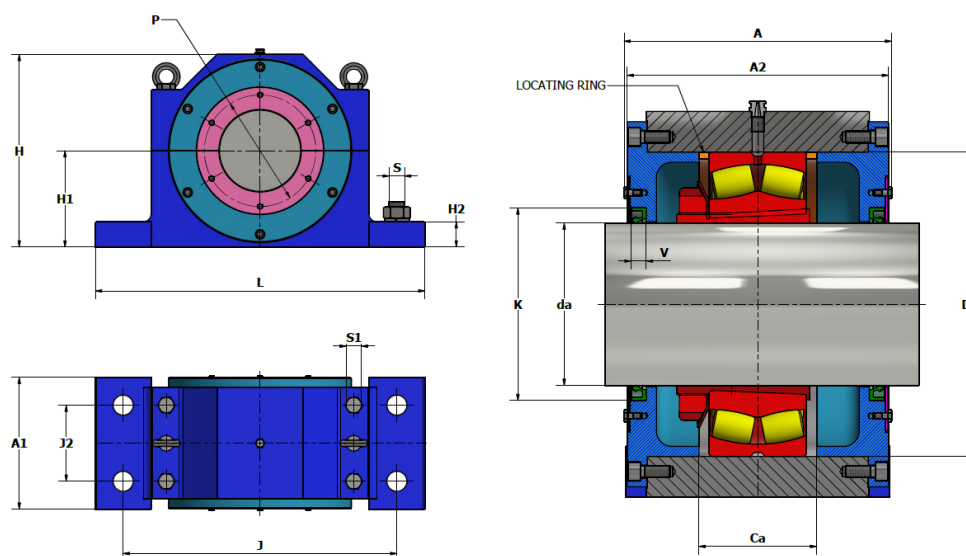
- **AL** Blank shaft (with end cover), non-locating bearing.
- **AF** Blank shaft (with end cover), locating bearing.
- **BL** Through shaft, non-locating bearing.
- **BF** Through shaft, locating bearing.

443000 Series (020 & below) - Blank



Bri-Mac Part No	da	Da	Ca	H	H1	H2	L	J	J2	S	S1	A	A1	A2	V	K	P	Locating Ring	BEARING & SLEEVE No
443014	140	290	114	340	170	45	580	480	130	27	24	268	230	250	15	170	190	FRB 17/290 FRB 10/290	22232 CCK/W33 & H 3132 23232 CCK/W33 & H 2332
443015	160	300	116	380	190	50	650	540	150	30	27	298	260	280	15	190	210	FRB 10/300	23136 CCK/W33 & H 3136
443016	180	340	132	420	210	55	740	610	170	33	30	318	290	300	15	210	230	FRB 10/340	23140 CCK/W33 & H 3140
443017	200	370	140	480	240	60	820	680	190	36	33	348	320	330	15	230	250	FRB 10/370	23144 CCK/W33 & H 3144 A
443018	220	400	148	520	260	65	880	740	200	39	36	358	330	340	15	250	280	FRB 10/400	23148 CCK/W33 & H 3148 A
443019	240	440	164	560	280	75	940	790	210	39	36	388	360	370	15	270	300	FRB 10/440	23152 CCK/W33 & H 3152 A
443020	260	460	166	600	300	85	990	830	230	45	39	408	380	390	20	300	320	FRB 10/460	23156 CCK/W33 & H 3156 A

443000 Series (020 & below) - Through



Bri-Mac Part No	da	Da	Ca	H	H1	H2	L	J	J2	S	S1	A	A1	A2	V	K	P	Locating Ring	BEARING & SLEEVE No
443014	140	290	114	340	170	45	580	480	130	27	24	268	230	250	15	170	190	FRB 17/290 FRB 10/290	22232 CCK/W33 & H 3132 23232 CCK/W33 & H 2332
443015	160	300	116	380	190	50	650	540	150	30	27	298	260	280	15	190	210	FRB 10/300	23136 CCK/W33 & H 3136
443016	180	340	132	420	210	55	740	610	170	33	30	318	290	300	15	210	230	FRB 10/340	23140 CCK/W33 & H 3140
443017	200	370	140	480	240	60	820	680	190	36	33	348	320	330	15	230	250	FRB 10/370	23144 CCK/W33 & H 3144 A
443018	220	400	148	520	260	65	880	740	200	39	36	358	330	340	15	250	280	FRB 10/400	23148 CCK/W33 & H 3148 A
443019	240	440	164	560	280	75	940	790	210	39	36	388	360	370	15	270	300	FRB 10/440	23152 CCK/W33 & H 3152 A
443020	260	460	166	600	300	85	990	830	230	45	39	408	380	390	20	300	320	FRB 10/460	23156 CCK/W33 & H 3156 A