

443000 Series (021 & above)

PRODUCT OVERVIEW

The Bri-Mac 443000 Series (021 & Above) has been developed for larger shaft sizes and heavy industrial applications where maximum durability and load-carrying capability are required. Widely used throughout steel production, bulk handling, quarrying and other harsh operating environments, these split plummer block housings deliver reliable bearing support under high-impact conditions.

Featuring a robust split construction with solid mounting feet and heavy-duty housing sections, the range is designed for spherical roller bearings mounted on adapter sleeves and grease-lubricated applications. Standard rotary shaft sealing helps reduce contamination ingress and lubricant loss, supporting longer bearing life and reduced maintenance costs. Bespoke modifications can also be incorporated to meet specific site requirements.

SEALS

The 443000 Series is available with the following sealing options:

- Rotary shaft seals with split seal retainer plates (standard)
- TS labyrinth seals for demanding operating environments

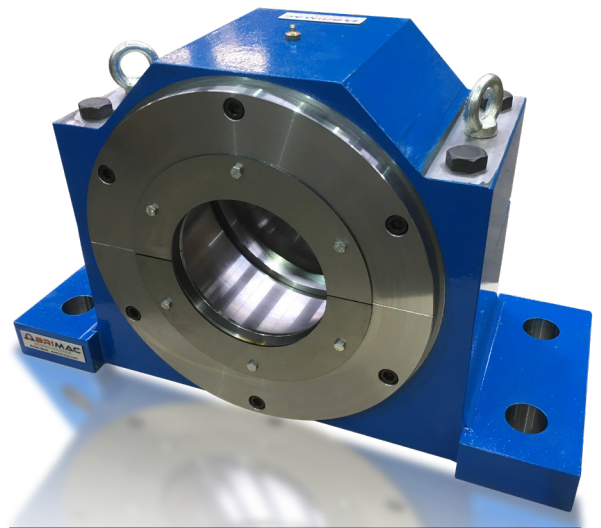
LIFTING & HANDLING

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

MATERIALS

443000 Series bearing housings can be manufactured from:

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



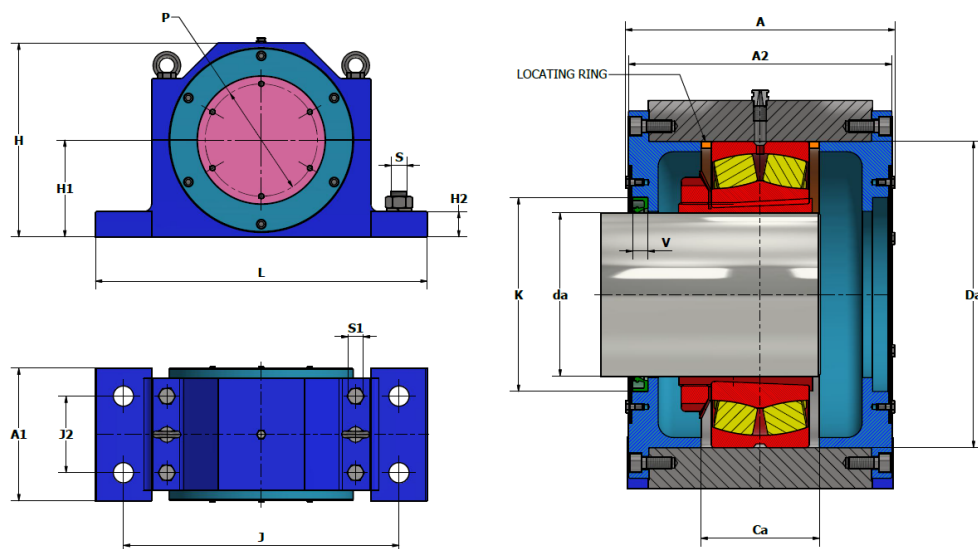
SUPPLEMENTARY DESIGNATIONS

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

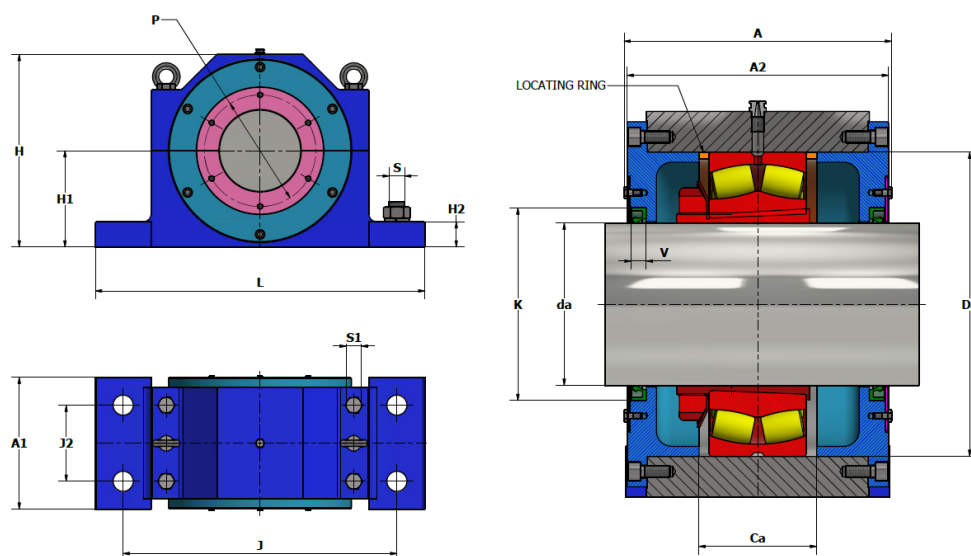
- **AL** Blank shaft (with end cover), non-locating bearing.
- **AF** Blank shaft (with end cover), locating bearing.
- **BL** Through shaft, non-locating bearing.
- **BF** Through shaft, locating bearing.

443000 Series (021 & above) - Blank



Bri-Mac Part No	da	Da	Ca	H	H1	H2	L	J	J1	S	G	t	A	A1	A2	V	K	P	Locating Ring	BEARING & SLEEVE No
443021	280	500	180	645	330	65	780	650	220	25	45	16	428	330	400	20	320	360	FRB 20/500	23160 CCK/W33 & OH 3160
443022	300	540	196	645	330	65	780	650	220	25	45	16	428	330	400	20	340	360	FRB 20/540	23164 CCK/W33 & OH 3164
443023	320	580	210	705	360	70	830	700	240	30	45	16	448	350	420	20	360	400	FRB 20/580	23168 CCK/W33 & OH 3168
443024	340	600	212	705	360	70	830	700	240	30	45	16	448	350	420	20	380	400	FRB 20/600	23172 CCK/W33 & OH 3172
443025	360	620	214	765	390	75	880	760	280	35	45	16	478	380	450	20	400	440	FRB 20/620	23176 CCK/W33 & OH 3176
443026	380	650	220	765	390	75	880	760	280	35	45	16	478	380	450	20	420	440	FRB 20/650	23180 CCK/W33 & OH 3180
443027	400	700	244	850	440	80	940	810	280	35	45	16	508	400	480	20	440	470	FRB 20/700	23184 CCK/W33 & OH 3184
443028	410	720	246	850	440	80	940	810	280	35	45	16	508	400	480	20	450	470	FRB 20/720	23188 CCK/W33 & OH 3188
443029	430	760	260	920	470	80	1040	880	310	35	52	20	548	440	520	20	470	510	FRB 20/760	23192 CCK/W33 & OH 3192
443030	450	790	268	920	470	80	1040	880	310	35	52	20	548	440	520	20	490	510	FRB 20/790	23196 CCK/W33 & OH 3196

443000 Series (021 & above) - Through



Bri-Mac Part No	da	Da	Ca	H	H1	H2	L	J	J1	S	G	t	A	A1	A2	V	K	P	Locating Ring	BEARING & SLEEVE No
443021	280	500	180	645	330	65	780	650	220	25	45	16	428	330	400	20	320	360	FRB 20/500	23160 CCK/W33 & OH 3160
443022	300	540	196	645	330	65	780	650	220	25	45	16	428	330	400	20	340	360	FRB 20/540	23164 CCK/W33 & OH 3164
443023	320	580	210	705	360	70	830	700	240	30	45	16	448	350	420	20	360	400	FRB 20/580	23168 CCK/W33 & OH 3168
443024	340	600	212	705	360	70	830	700	240	30	45	16	448	350	420	20	380	400	FRB 20/600	23172 CCK/W33 & OH 3172
443025	360	620	214	765	390	75	880	760	280	35	45	16	478	380	450	20	400	440	FRB 20/620	23176 CCK/W33 & OH 3176
443026	380	650	220	765	390	75	880	760	280	35	45	16	478	380	450	20	420	440	FRB 20/650	23180 CCK/W33 & OH 3180
443027	400	700	244	850	440	80	940	810	280	35	45	16	508	400	480	20	440	470	FRB 20/700	23184 CCK/W33 & OH 3184
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443030	450	790	268	920	470	80	1040	880	310	35	52	20	548	440	520	20	490	510	FRB 20/790	23196 CCK/W33 & OH 3196