

444000 Series (015 & above)

PRODUCT OVERVIEW

The Bri-Mac 444000 Series (015 & Above) is designed for larger bearing arrangements operating in some of the most demanding industrial environments. Originally developed for the iron and steel sector, these heavy-duty split bearing housings offer exceptional strength, reliability and ease of maintenance for applications subjected to high loads and impact forces.

The robust split housing construction enables straightforward bearing inspection and replacement while reducing downtime. Suitable for spherical roller bearings mounted on adapter sleeves, the range supports grease lubrication and incorporates rotary shaft seals with split retainer plates as standard. This combination delivers effective sealing performance, long service life and reduced maintenance costs across a wide range of industrial applications.

SEALS

Sealing options available include:

- Rotary shaft seals with split seal retainer plates (standard)
- TS labyrinth seals

LIFTING & HANDLING

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

MATERIALS

444000 Series bearing housings can be supplied in:

- Flame-cut steel
- Cast steel
- Low-temperature cast steel
- Grey cast iron
- Spheroidal graphite iron (ductile iron)



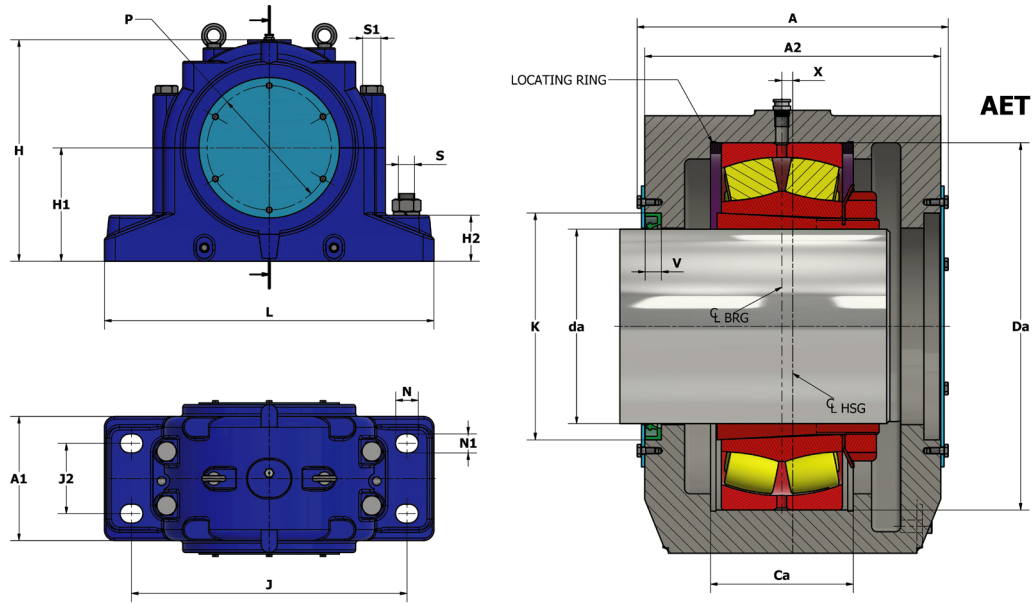
SUPPLEMENTARY DESIGNATIONS

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

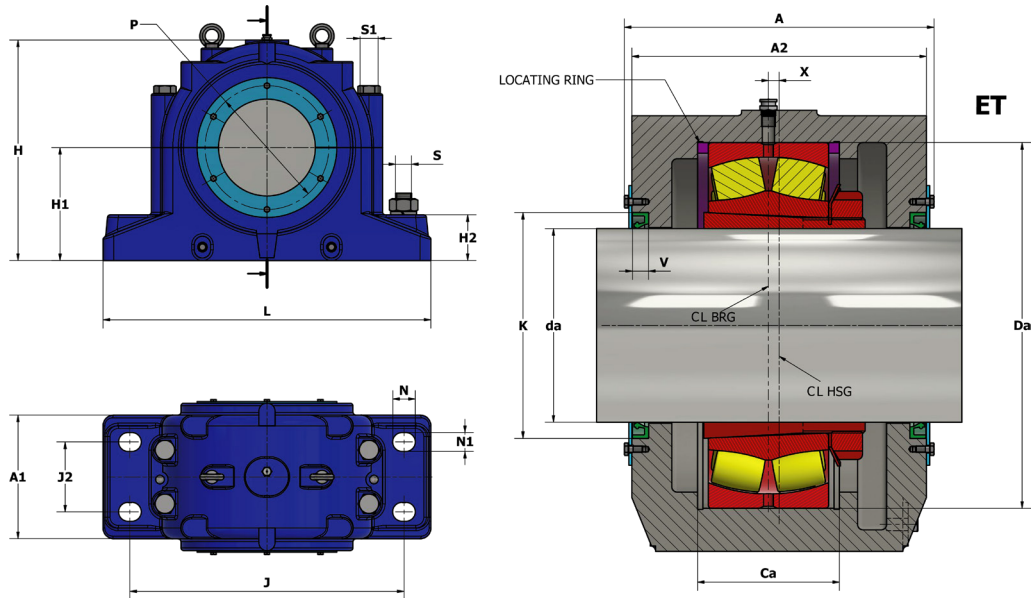
- **AL** Blank shaft (with end cover), non-locating bearing.
- **AF** Blank shaft (with end cover), locating bearing.
- **BL** Through shaft, non-locating bearing.
- **BF** Through shaft, locating bearing.

444000 Series (015 & above) - Blank



Bri-Mac Part No	Shaft Dia (da)	Dimensions (mm)																Bolt Size	S1	Bearing No	Adapter Sleeve	Locating Ring	
		Da	H	H1	H2	L	J	J2	A	A1	A2	Ca	N	N1	V	K	P					Number	Quantity
444015	160	300	355	180	75	530	450	110	266	190	240	116	32	26	15	190	210	M24	M24	23136 CCK/W33	H 3136	10/300	2
444016	180	340	410	210	85	610	510	130	306	230	280	132	42	35	15	210	230	M30	M24	23140 CCK/W33	H 3140	10/340	2
444017	200	370	435	220	90	640	540	140	316	240	290	140	42	35	15	230	250	M30	M24	23144 CCK/W33	H 3144	10/370	2
444018	220	400	475	240	95	700	600	150	336	260	310	148	42	35	15	250	280	M30	M30	23148 CCK/W33	H 3148	10/400	2
444019	240	440	515	260	100	770	650	160	346	280	320	164	42	35	15	270	300	M39	M30	23152 CCK/W33	H 3152	10/440	2
444020	260	460	550	280	105	790	670	160	346	280	320	166	42	35	20	300	330	M39	M30	23156 CCK/W33	H 3156	10/460	2

444000 Series (015 & above) - Through



Bri-Mac Part No	Shaft Dia (da)	Dimensions (mm)																Bolt Size	S1	Bearing No	Adapter Sleeve	Locating Ring	
		Da	H	H1	H2	L	J	J2	A	A1	A2	Ca	N	N1	V	K	P					Number	Quantity
444015	160	300	355	180	75	530	450	110	266	190	240	116	32	26	15	190	210	M24	M24	23136 CCK/W33	H 3136	10/300	2
444016	180	340	410	210	85	610	510	130	306	230	280	132	42	35	15	210	230	M30	M24	23140 CCK/W33	H 3140	10/340	2
444017	200	370	435	220	90	640	540	140	316	240	290	140	42	35	15	230	250	M30	M24	23144 CCK/W33	H 3144	10/370	2
444018	220	400	475	240	95	700	600	150	336	260	310	148	42	35	15	250	280	M30	M30	23148 CCK/W33	H 3148	10/400	2
444019	240	440	515	260	100	770	650	160	346	280	320	164	42	35	15	270	300	M39	M30	23152 CCK/W33	H 3152	10/440	2
444020	260	460	550	280	105	790	670	160	346	280	320	166	42	35	20	300	330	M39	M30	23156 CCK/W33	H 3156	10/460	2