

ARVIS

Designers & Manufactures of Bearing Housings

The background of the lower half of the page is a dark brown color with a faint, light-colored technical drawing overlay. The drawing consists of various geometric shapes, lines, and dimension lines, typical of a mechanical blueprint. Some visible dimension values include '35', '79', '13', '22.5', '55', and 'R4'.

SPLIT BRASS RIGIDS & HANGER BEARINGS

CONTENTS

03	Introduction
06	Maximum Bearing Loads - Rigid Plain Bearings - Grease Lubricated
08	Maximum Bearing Loads - Self Aligning Ring Oiling Bearings - Oil Lubricated
10	LN Series
14	LRO Series
18	Hunt Engineers Series EN
22	S-Type Series
26	DIN506
28	DIN505
30	HB Steel Series
32	HB L Series
36	HB Small

INTRODUCTION

Arvis are a very specialised organisation and unique by virtue of our manufacturing facility which is totally dedicated to the production of Plummer Blocks and Bearing Housings. Because this is all we do, we are good at it and proud to say so. Our expanding range is continually being reviewed as other manufacturers reduce theirs, making Arvis the biggest name in split brass rigids and self-aligning plain bearings in the UK.

Arvis® offers a variety of plain bearings that can replace roller bearings.

Arvis® Split brass rigids offer many advantages:

- » Higher load capacity, especially for shock load resistance and a greater contact zone
- » Fully split housings
- » Straightforward maintenance and installation
- » Slow moving speeds
- » Bespoke designs and the use of different bush materials

Arvis® Split brass rigids are being used extensively throughout the world for the past 40 years in the following industries:

- » Steel works
- » Quarry plant
- » Agricultural plant
- » Conveyors
- » Materials and handling
- » Food machinery
- » Printing machinery
- » Heating and ventilation
- » Lifts and cranes
- » Machine tools
- » Furnaces
- » Foundry plant
- » Hosiery Machines
- » Textile Machinery
- » Mining equipment
- » Special purpose machinery
- » Bakery equipment
- » Chemical plant
- » Marine applications



SPLIT BRASS RIGIDS

Design: split housing base and cap are made from cast iron to bs.1452-220.

The split bearings are made from high-quality gunmetal. Prices vary according to the design of the plummer blocks. All plummer blocks are split which enables easy installation, alterations or repairs to be carried out conveniently and economically, avoiding dismantling of the shafts and removal of couplings or pulleys fitted thereon.

Lubrication facility: NON SELF-OILING PLUMMER BLOCKS are drilled or tapped for oil or grease lubrication.

Self-oiling plummer blocks: These are fitted with loose rings, split for ease of fitting, which ride on the shaft. The revolving rings pick up oil from the well in the base of the housing and carry it to the shaft. Oil-level holes and drain plugs are fitted.

Spare brasses: We can offer spare brasses over our full range of split brass rigids.



MAXIMUM BEARING LOADS- RIGID PLAIN BEARINGS - GREASE LUBRICATED

Loading figures derived from formulae below are the absolute maximum permissible in a downward Direction. In assessing actual load on bearings all factors must be considered i.e.:

1. Dead Weight load e.g., load due to weight of machine parts.
2. Effect on driving torque (in case of belt drives allow three times the tight side tension for 'V' belts and five times for flat belts)
3. Centrifugal forces resulting from static and dynamic unbalance.
4. Radial forces resulting from eccentric or cam reactions.
5. Inertia forces consequent on rapid acceleration from rest or deceleration from speed

In both the following formulae:

F= Load factor for bearing.

D= Diameter of bearing bore(ins).

d= Diameter of bearing bore(mm)

N= Revs./min of shaft.

'IMPERIAL'

Maximum load per bearings (lb)

$$= 280,00 \times F$$

$$(D \times N) + 700$$

'METRIC'

Maximum load per bearing (kg)

$$= 280,000 \times F \times 0.3732$$

$$(d/25.4 \times N) + 700$$

LIGHT DUTY SERIES

Bore Ins/MM	F - Radial load	F- Thrust Load	Max Revs/ mins
½	0-6	0-2	1000
5/8 15	0-8	0-2	800
¾ 20	1-0	0-2	675
7/8	1-1	0-3	575
1 25	1-5	0-35	500
1 ¾ 30	2	0-43	400
1 ½ 35	3	0-55	335
1 ¾ 40/45	4	0-68	285
2 50	6	0-75	250
2 ¼ 55	7	0-92	225
2 ½ 60/65	9	1-09	200
2 ¾ 70	11	1-25	180
3 75	13-5	1-35	165

MEDIUM DUTY SERIES

Bore Ins/MM	F - Radial load	F- Thrust Load	Max Revs/ mins
1 25	2	0-5	500
1 ¼ 30	3	0-6	400
1 ½ 35/40	4-5	1	335
1 ¾ 45	6	1	285
2 50	8	1-3	250
2 ¼ 55	10	1-6	225
2 ½ 60/65	12-5	1-9	200
2 ¾ 70	15	2	180
3 75	18	2-2	165
3 ¼ 80	20-5	2-8	155
3 ½ 90	24-5	3-2	145
4 100	32	4-2	125
4 ½ 115	40	4-9	115
5 ½ 140	32	4-2	125
6 150	40	4-9	115

MAXIMUM BEARING LOADS - SELF ALIGNING RING OILING BEARINGS- OIL LUBRICATED

Maximum radial and thrust loads can be calculated from the following formulae:

'IMPERIAL'

Maximum load per bearings (lb)

$$= \frac{1,000,000 \times F}{(D \times N) + 1,700}$$

$$(D \times N) + 1,700$$

'METRIC'

Maximum load per bearing (kg)

$$= \frac{1,000,000 \times F \times 0.3732}{(D/25.4N) + 1,700}$$

$$(D/25.4N) + 1,700$$

Check that shaft speed does not exceed maximum shown in table below, also note that bearings loads calculated from above formulae only apply to non-locating bearings. Where maximum thrust is present the maximum radial load must be halved.

Where thrust is lighter the maximum radial loading should be reduced proportionately. Maximum thrust loads can be calculated from above formulae using appropriate value for F.

Example: 3in. bore bearing: shaft speed 900 revs./min

Max, radial bearing =

$$\frac{1,000,000 \times 17}{(3 \times 900) + 1700} = 3860 \text{ lb}$$

$$(3 \times 900) + 1700$$

Max. thrust loading per bearing =

$$\frac{1,000,000 \times 2}{(3 \times 900) + 1700} = 455 \text{ lb}$$

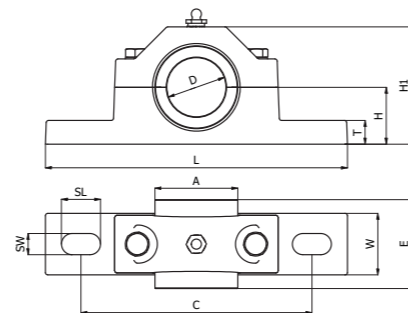
$$(3 \times 900) + 1700$$

Max. radial load non-locating bearing = 3,860 lb

Max. radial load locating bearing (if max. thrust is present = 1,930 lb.

Max. thrust load locating bearing = 455 lb.

Bore Ins/MM	F - Radial load	F- Thrust Load	Max Revs/mins
1 25	2	0-5	3000
1 ¼ 30/35	3-1	0-7	2800
1 ½ 40	4-5	0-9	2500
1 ¾ 45	6	1	2200
2 50	8	1-1	2000
2 ¼ 55/60	10	1-2	1700
2 ½ 65	12-5	1-3	1500
2 ¾ 70	15	1-8	1400
3 75	17	2	1300
3 ¼ 80	21	2-1	1225
3 ½ 90	24-5	2-3	1150
4 100	32	3	1095
4 ½ 115	45	3-5	900
5 125	50	4	800

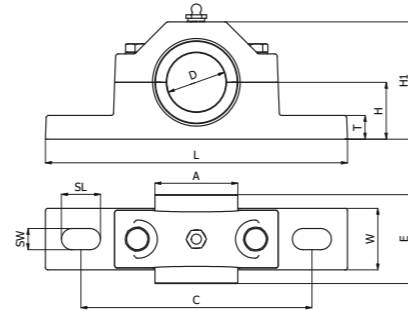
LN SERIES**Non-self Oiling Plummer Blocks**

Introduced as replacements for the disposable LS Series.

The LN Series are fully split units with fully machined inserts and housings to allow replacement of inserts.

This range is supplied with a re-grease facility. The standard bushes are Gun metal, but other materials are available when gun metal is not suitable.

DØ	Mark	Pt No	H	H1	L	T	E	A	W	C	SW	SL
25mm	C04/5	LN25M	32	69	159	16	45	50	40	127.5	11.5	19
30	C07/8	LN30M	38	82	185	16	50	60	47	147.5	11.5	19
35	C07/8	LN35M	38	82	185	16	52.5	60	47	147.5	11.5	19
40	C010/11	LN40M	41.3	86.3	190	20	57	60	46	161	14.5	24.75
40	C013/14	LN40M/ C13	48	99	255	20	75	70	52	195	18	33
45	C013/14	LN45M	48	99	255	20	67.5	70	52	195	18	33
50	C013/14	LN50M	48	99	255	20	75	70	52	195	18	33

LN SERIES**Non-self Oiling Plummer Blocks**

Introduced as replacements for the disposable LS Series.

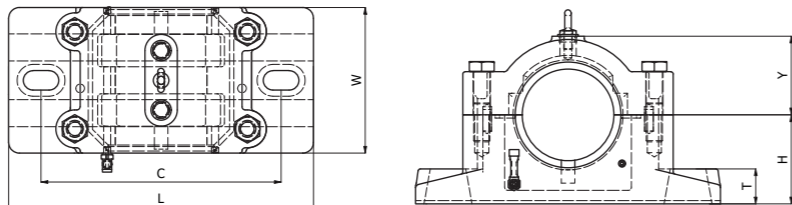
The LN Series are fully split units with fully machined inserts and housings to allow replacement of inserts.

This range is supplied with a re-grease facility. The standard bushes are Gun metal, but other materials are available when gun metal is not suitable.

DØ	Mark	Pt No	H	H1	L	T	E	A	W	C	SW	SL
1"	C04/5	LN16E	1.260	2.716	6.260	0.625	1.772	1.968	1.575	5.020	0.453	0.750
1 ¼"	C07/8	LN20E	1.500	3.230	7.284	0.625	2.000	2.362	1.850	5.807	0.453	0.750
1 ¾"	C07/8	LN22E	1.500	3.230	7.284	0.625	2.250	2.362	1.850	5.807	0.453	0.750
1 ½"	C10/11	LN24E	1.625	3.398	7.480	0.787	2.250	2.362	1.811	6.338	0.570	0.975
1 ¾"	C13/14	LN28E	1.890	3.898	10.04	0.787	2.953	2.756	2.047	7.677	0.709	1.300
2"	C13/14	LN32E	1.890	3.898	10.04	0.787	2.953	2.756	2.047	7.677	0.709	1.300
50	C13/14	LN50M	48	99	255	20	75	70	52	195	18	33

Cap Bolts - Sizes 1" to 1 3/4" have 2 cap bolts / Sizes 2" to 8" have 4 cap bolts
 Holding Down Bolts - Sizes 1" to 5 1/2" have 2 HD bolts / Sizes 6" to 8" have 4 HD Bolts

LRO SERIES



Loose Ring Oiling Plummer Blocks (RIGID)

This oil-lubricated Plummer block is suitable for higher speeds than grease – lubricated versions. The bottom section of the unit is an oil reservoir and there is a loose oil ring hanging on the shaft which dips into the oil as a shaft rotates. As long as the reservoir is kept filled, oil will be continuously supplied to the bearing.

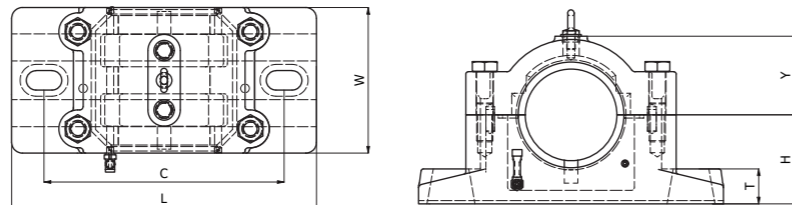
For ambient temperatures 0° to 30° C use Shell Tellus Oil 37, Shell Rotella X Oil 10W or an equivalent. For ambient temperatures 30° to 60° C use Shell Tellus Oil 68, Shell Rotella X Oil 20/20 or an equivalent.

Note: These units were originally made to inch dimensions. The same castings are used for imperial & metric sizes. Therefore, the distances through the metric bore are 2 times the inch size.

D MM	Order Ref	Mark	Dimensions Inches							B MM	Weight (KGS)
			L	C	CROSS CENTRES	H	Y	W	T		
25	LR25M	A600	6 1/4	4 3/4		1 3/4	1 5/16	1 3/4	3/4	M10	2.0
30	LR30M	A604	7	5 1/2		2	1 1/2	2 1/8	3/4	M10	3.0
40	LR40M	A608	8 1/4	6 1/4		2 1/4	1 3/4	2 1/2	7/8	M12	5.0
45	LR45M	A612	9	7		2 1/2	2	2 3/4	7/8	M12	5.8
50	LR50M	A616	10 1/4	7 3/4		2 3/4	2 1/4	3 1/4	1	M16	9
55	LR55M	A620	10 1/2	8 1/4		3	2 1/2	3 5/8	1 1/8	M16	11
60	LR60M		12	9 1/4		3 1/4	2 3/4	4	1 1/4	M20	15
65	LR65M	A624	12 3/4	10		3 1/2	3	4 3/8	1 3/8	M20	19
70	LR70M	A628	13 3/4	11		4	3 1/4	5	1 1/2	M20	28
75	LR75M	A632	14 3/4	11 1/2		4 1/4	3 1/2	5 3/8	1 5/8	M20	39
80	LR80M		15 1/2	12		4 1/2	3 3/4	5 3/4	1 3/4	M20	40
85	LR85M	A636	17 1/4	13 1/2		5	4 1/4	6 1/2	2	M24	56
90	LR90M	A640	17 3/4	13 1/2		5 1/2	4 11/16	7 1/4	2 1/8	M20	78
95	LR95M	A644	20 1/2	16		6	5 3/16	8 1/4	2 1/4	M30	101
100	LR100M		22 1/4	17 1/2		6 1/2	5 3/4	8 3/4	2 1/2	M30	126
110	LR110M	A648	24	18 1/2	5	7	6 1/4	9 1/2	2 3/4	M30	159
115	LR115M		24	18 1/2	5	7	6 1/4	9 1/2	2 3/4	M30	159
125	LR125M	A652	27	21	5 1/2	7 1/8	7	10 1/2	3	M30	212
140	LR140M	A656	28	22	5 3/4	8	8 1/8	11 1/2	3 1/8	M30	257
150	LR150M	A660	30	23 1/2	6	8 1/2	8 1/2	12 1/4	3 1/4	M36	312
160	LR160M		27	21	5 1/2	7 1/8	7	10 1/2	3	M30	212
165	LR165M		27	21	5 1/2	7 1/8	7	10 1/2	3	M30	212
170	LR170M	A664	27	21	5 1/2	7 1/8	7	10 1/2	3	M30	212
180	LR180M	A668	30	23 1/2	6	8 1/2	8 1/2	12 1/4	3 1/4	M36	312
190	LR190M	A672	27	21	5 1/2	7 1/8	7	10 1/2	3	M30	212
200	LR200M	A676	30	23 1/2	6	8 1/2	8 1/2	12 1/4	3 1/4	M36	312

Cap Bolts - Sizes 1" to 1 3/4" have 2 cap bolts / Sizes 2" to 8" have 4 cap bolts
 Holding Down Bolts - Sizes 1" to 5 1/2" have 2 HD bolts / Sizes 6" to 8" have 4 HD Bolts

LRO SERIES



Loose Ring Oiling Plummer Blocks (RIGID)

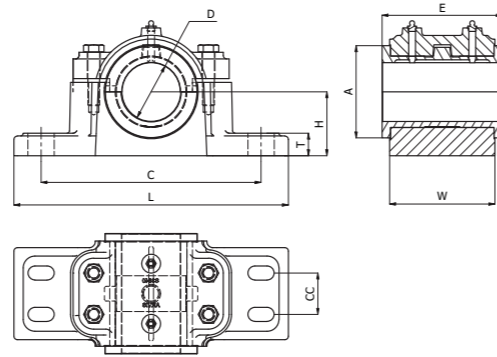
This oil-lubricated Plummer block is suitable for higher speeds than grease - lubricated versions. The bottom section of the unit is an oil reservoir and there is a loose oil ring hanging on the shaft which dips into the oil as a shaft rotates. As long as the reservoir is kept filled, oil will be continuously supplied to the bearing.

For ambient temperatures 0° to 30° C use Shell Tellus Oil 37, Shell Rotella X Oil 10W or an equivalent. For ambient temperatures 30° to 60° C use Shell Tellus Oil 68, Shell Rotella X Oil 20/20 or an equivalent.

Note: These units were originally made to inch dimensions. The same castings are used for imperial & metric sizes. Therefore, the distances through the metric bore are 2 times the inch size.

D Inch	Order Ref	Mark	Dimensions Inches							B MM	Weight (KGS)
			L	C	CROSS CENTRES	H	Y	W	T		
1	LR16E	A600	6 1/4	4 3/4		1 3/4	1 5/16	1 3/4	3/4	M10	2.0
1 1/4	LR20E	A604	7	5 1/2		2	1 1/2	2 1/8	3/4	M10	3.0
1 1/2	LR24E	A608	8 1/4	6 1/4		2 1/4	1 3/4	2 1/2	7/8	M12	5.0
1 3/4	LR28E	A612	9	7		2 1/2	2	2 3/4	7/8	M12	5.8
2	LR32E	A616	10 1/4	7 3/4		2 3/4	2 1/4	3 1/4	1	M16	9
2 1/4	LR36E	A620	10 1/2	8 1/4		3	2 1/2	3 5/8	1 1/8	M16	11
2 1/2	LR40E	A624	12	9 1/4		3 1/4	2 3/4	4	1 1/4	M20	15
2 3/4	LR44E	A628	12 3/4	10		3 1/2	3	4 3/8	1 3/8	M20	19
3	LR48E	A632	13 3/4	11		4	3 1/4	5	1 1/2	M20	28
3 1/4	LR52E	A636	14 3/4	11 1/2		4 1/4	3 1/2	5 3/8	1 5/8	M20	39
3 1/2	LR56E	A640	15 1/2	12		4 1/2	3 3/4	5 3/4	1 3/4	M20	40
4	LR64E	A644	17 1/4	13 1/2		5	4 1/4	6 1/2	2	M24	56
4 1/2	LR72E	A648	17 3/4	13 1/2		5 1/2	4 11/16	7 1/4	2 1/8	M20	78
5	LR80E	A652	20 1/2	16		6	5 3/16	8 1/4	2 1/4	M30	101
5 1/2	LR88E	A656	22 1/4	17 1/2		6 1/2	5 3/4	8 3/4	2 1/2	M30	126
6	LR96E	A660	24	18 1/2	5	7	6 1/4	9 1/2	2 3/4	M30	159
6 1/2	LR140E	A664	27	21	5 1/2	7 1/8	7	10 1/2	3	M30	212
7	LR112E	A668	28	22	5 3/4	8	8 1/8	11 1/2	3 1/8	M30	257
7 1/2	LR120E	A672	30	23 1/2	6	8 1/2	8 1/2	12 1/4	3 1/4	M36	312
8	LR128E	A676	32	25	6 1/2	9	8 1/4	13 1/4	3 1/2	M36	380

HUNT ENGINEERS SERIES EN LARGE



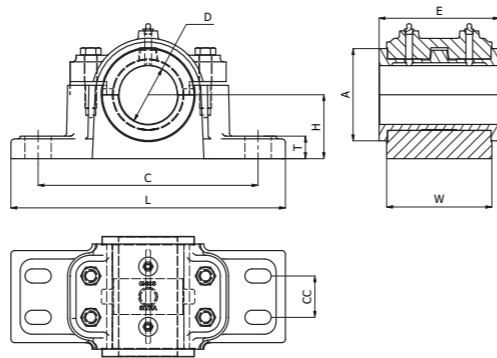
Non-self Oiling Plummer Blocks

The Gunmetal split inserts are precision machined and fitted into the cast iron housings. The gunmetal inserts are replaceable without the need to replace the housing.

Note: These units were originally made to inch dimensions. The same castings are used for imperial & metric sizes and '2 times' rule applies only to the inch dimensions. Therefore, the distances through the metric bores are 2 times the inch sizes.

D	ORDER REF		DIMENSIONS INCHES MILLIMETRES										Weight Kg
	Inch	MM	Bore	L	E	A	L	C	H	W	T	B (MM)	
1	25	EN16E EN25	S3793	2 5/8 65	1 7/8 50	7 1/4 185	5 7/8 150	1 3/8 35	1 7/16 35	5/8 16	M10	2.	1/8
1 1/4	30	EN20E EN30M	S3797	2 1/4 65	7 55	7 3/4 200	5 7/8 150	1 5/8 41	1 11/16 45	11/16 17	M10	3.5	
1 1/2	30	EN24E EN35M EN40M	S3801	3 75	2 5/8 65	8 3/8 213	6 7/16 165	1 7/8 48	1 15/16 50	13/16 21	M12	4.5	
1 3/4	45	EN28E EN45M	S3805	3 1/2 90	2 7/8 75	10 3/4 275	8 1/4 210	2 1/8 54	2 7/16 60	7/8 22	M12	6.5	
2	50	EN32E EN50M	S3809	4 100	3 1/4 85	11 3/4 300	9 230	2 3/8 60	2 7/8 75	15/16 24	M16	9.5	
2 1/4	55	EN36E EN55M	S3813	4 1/2 115	3 3/8 90	12 11/16 325	9 13/16	3 76.2	2 5/8 65	1 1/2 30	M16	12.5	
2 1/2	60 65	EN40E EN60M EN65M	S3817	5 125	4 100	13 1/2 345	10 5/8 270	2 3/4 70	3 3/4 95	1 1/8 30	M20	16	
2 3/4	70	EN44E EN70M	S3821	5 1/2 140	4 1/4 110	14 1/4 360	11 1/4 285	3 7/8	4 1/4 110	1 3/16 30	M20	21.7	
3	75	EN48E EN75M	S3825	6 150	4 1/4 115	15 1/8 385	11 3/4 300	3 1/4 83	4 5/8 115	1 1/4 30	M20	27.2	
3 1/4	80 85	EN52E EN80M EN85M	S3829	6 1/2 165	5 125	15 7/8 405	12 5/8 320	3 1/2 89	5 125	1 5/16 35	M24	33.2	

HUNT ENGINEERS SERIES EN SMALL



Non-Self Oiling Gunmetal Heavy Duty Plummer Blocks

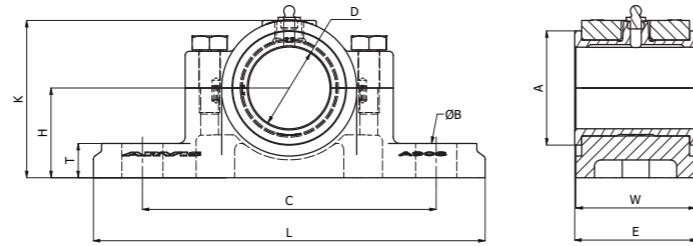
Non-Self-Oiling Plummer blocks, This Engineers range of split brass rigid heavy duty plain bearings were originally produced and designed by Christy Hunt of Colchester, all design drawings and wstock were purchased by Criptic Arvis Ltd.

The Gunmetal split inserts are precision machined and fitted into the cast iron housings. The inserts are replaceable without the need to replace the housing.

Note: These units were originally made to inch dimensions. The same castings are used for imperial & metric sizes and the '2 times' rule applies only to the inch dimensions. Therefore, the distances through the metric bores are 2 times the inch sizes.

Inch	MM		L	E	A	L	C	CC	H	W	T	B (MM)	Weight Kg	Grease nipple
4	100	EN64E EN100M	S3837	8	6 1/8 205	18 1/4 155	14 5/8 465	2 3/4 370	4 1/4 70	6 1/8 108	1 1/2 155	M20 40	53.5	2 x 1/4
4 1/2	115	EN72E EN115M	S3841	9	6 3/4 170	19 5/8 500	16 3/8 150	3 75	4 3/4 121	6 1/8 155	1 3/4 45	M24	76.5	
5	125	EN80E EN125M	S3845	10	7 3/8 190	22 560	17 7/8 455	3 1/4 85	5 1/4 133	7 1/8 195	2 50	M24	100	
5 1/2	140	EN88E EN140M	S3849	11	7 7/8 200	23 1/2 600	19 1/4 490	3 1/2 90	5 3/4 146	8 3/8 215	2 1/4 55	M30	135	
6	150	EN96E EN150M	S3853	12	8 7/16 215	25 635	20 3/8 230	4 100	6 1/4 159	9 1/8 230	2 1/2 65	M30	205	

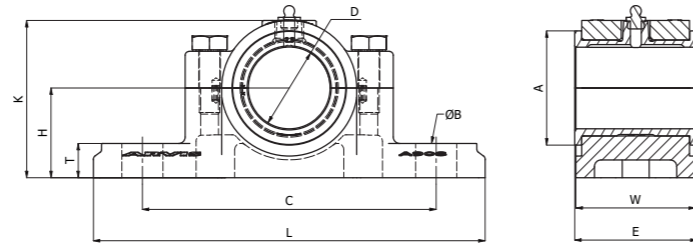
*Customised versions of these units can be supplied
Specials made to order.*

S-TYPE SERIES**Rigid Plummer Blocks With Split Gunmetal Bearings General Purpose.**

This range of 'S' type Plummer Blocks offers an inexpensive means of supporting a rotating shaft, giving excellent load capacity and wear characteristics. All sizes have 1/8" BSP grease nipple.

This range has fully machined bearings and recommended for use where replacement brasses may be required.

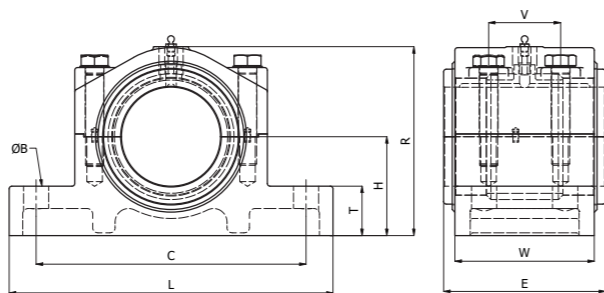
D MM	PART No	MARK	DIMENSIONS								B (mm)	Weight Kg
			L	E	A	L	C	H	W	T		
50	SX50M	A900	76	70	255	185	57.2	105	64	24	M16	4.3
55	SX55M	A904	85	80	280	213	63.5	116	72	25	M16	5.7
60	SX60M	A908	95	89	305	230	70	127	80	27	M16	7.7
65	SX65M	A908										
70	SX70M	A912	105	95	330	250	76.2	140	90	30	M20	10.9
75	SX75M	A916	115	105	355	265	82.6	152	95	30	M20	13.6
80	SX80M	A916										
85	SX85M	A920	133	120	405	310	95.5	178	115	38	M20	18.2
90	SX90M	A920										
95	SX95M	A924	152	140	445	345	108	206	127	40	M20	28.0
100	SX100M	A924										

S-TYPE SERIES**Rigid Plummer Blocks With Split Gunmetal Bearings General Purpose.**

This range of 'S' type Plummer Blocks offers an inexpensive means of supporting a rotating shaft, giving excellent load capacity and wear characteristics. All sizes have 1/8" BSP grease nipple.

This range has fully machined bearings and recommended for use where replacement brasses may be required.

D Inch	PART No	MARK	DIMENSIONS								B (mm)	Weight Kg
			L	E	A	L	C	H	W	T		
1 7/8	SX32E	A900	3	2 3/4	10	7 1/4	2 1/4	4 1/8	2 1/2	15/16	M16	4.3
2	SX30E	A900										
2 1/8	SX34E	A904	3 3/8	3 1/8	11	8 3/8	2 1/2	4 9/16	2 7/8	1	M16	5.7
2 3/16	SX35E	A904										
2 1/4	SX36E	A904										
2 3/8	SX38E	A908	3 3/4	3 1/8	12	9	2 3/4	5	3 1/8	1 1/16	M16	7.7
2 1/2	SX40E	A908										
2 3/4	SX44E	A912	4 1/8	3 3/4	13	9 3/4	3	5 1/2	3 1/2	1 1/8	M20	10.9
2 15/16	SX47E	A916	4 1/2	4 1/8	14	10 1/2	3 1/4	6	3 3/4	1 3/16	M20	13.6
3	SX48E	A916										
3 1/2	SX56E	A920	5 1/4	4 3/4	16	12 1/4	3 3/4	7	4 1/2	1 1/2	M20	18.2
3 3/4	SX64E	A924	6	5 1/2	17 1/2	13 1/2	4 1/4	8 1/8	5	1 5/8	M20	28.0
4	SX60E	A924										

DIN506**DIN506 Heavy Duty Plummer Blocks (4 Bolt)**

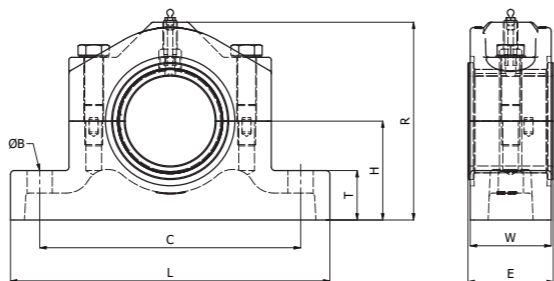
The DIN506 is a heavy duty four bolt plummer block which consists of a fully split cast iron housing and a split gunmetal bush. The units are suitable for grease lubrication and replacement bushes can be easily fitted.



mm	CODE	ARVIS REF	CAST NO	E	L	C	V	H	R	W	T	Bolt Dia	Weight
55	DIN506-55M	DN6-55M	A1001/2	120	230	180	60	80	140	105	35	M16	10.5
60	DIN506-60M	DN6-60M											
70	DIN506-70M	DN6-70M	A1005/6	130	260	210	65	90	155	115	45	M16	14.5
75	DIN506-75M	DN6-75M	A1009/10	140	300	240	70	100	170	130	50	M20	26
80	DIN506-80M	DN6-80M											
90	DIN506-90M	DN6-90M	A1013/4	160	330	270	80	100	180	140	50	M20	26
100	DIN506-100M	DN6-100M	A1017/8	180	360	300	90	110	210	155	55	M24	48
110	DIN506-110M	DN6-110M											
120	DIN506-120M	DN6-120M	A1021/2	200	400	330	100	120	235	170	60	M24	48
125	DIN506-125M	DN6-125M											
130	DIN506-130M	DN6-130M											
140	DIN506-140M	DN6-140M	A1025/6	220	440	360	110	130	260	190	65	M30	59
150	DIN506-150M	DN6-150M											
160	DIN506-160M	DN6-160M	A1029/30	260	530	450	130	170	320	220	70	M30	115
180	DIN506-180M	DN6-180M											
200	DIN506-200M	DN6-200M	A1033/4	300	680	580	160	240	425	260	80	M30	234
220	DIN506-220M	DN6-220M											
240	DIN506-240M	DN6-240M	A1037/8	355	750	630	180	265	475	300	100	M36	440
260	DIN506-260M	DN6-260M											
280	DIN506-280M	DN6-280M	A1041/2	400	850	700	200	315	555	335	120	M42	540
300	DIN506-300M	DN6-300M											

Metric Dimensions are shown but all bearings can be supplied in Imperial sizes.

All bearings in the Arvis ranges follow a similar system for ordering. The first two or three characters describe the range followed by the shaft size i.e., 50M. Imperial sizes are measured in 1/16" i.e., 16E = 1". Sample ordering. DN6-60M (for a 60mm shaft) - DN6-64E (for a 4" shaft)

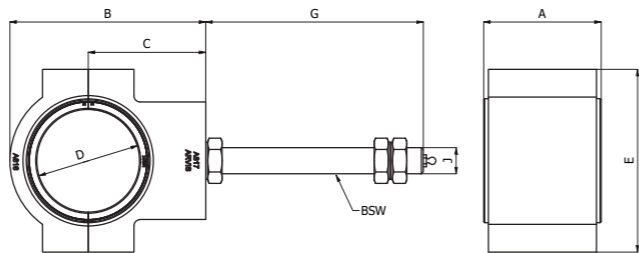
DIN505

**(DN5) DIN505 Medium Duty Plummer Blocks.
Static Loads.**

The DIN505 is a medium duty two bolt Plummer block which consists of a fully split cast iron housing and a split gunmetal bush. The units are suitable for grease lubrication and replacement bushes can be easily fitted.

mm	CODE	ARVIS REF	CAST NO	E	L	C	H	R	W	T	B Bolt Dia	S	Weight
25	DIN505-25M	DN5-25M	A1101/2	45	165	125	40	85	40	22	M12	15	2.5
30	DIN505-30M	DN5-30M											
35	DIN505-35M	DN5-35M	A1105/6	50	180	140	50	100	45	25	M12	15	4.0
40	DIN505-40M	DN5-40M											
45	DIN505-45M	DN5-45M	A1109/10	55	210	160	60	120	50	30	M16	19	5.0
50	DIN505-50M	DN5-50M											
55	DIN505-55M	DN5-55M	A1113/4	60	225	175	70	140	55	35	M16	19	8.0
60	DIN505-60M	DN5-60M											
65	DIN505-65M	DN5-65M	A1117/8	65	270	210	80	160	60	40	M20	24	12.0
70	DIN505-70M	DN5-70M											
75	DIN505-75M	DN5-75M	A1121/2	75	290	230	90	180	70	45	M20	24	17.0
80	DIN505-80M	DN5-80M											
90	DIN505-90M	DN5-90M	A1125/6	85	330	265	100	170	80	50	M24	28	22.0
100	DIN505-100M	DN5-100M	A1129/30	95	355	290	110	220	90	55	M24	28	26.0
110	DIN505-110M	DN5-110M											
120	DIN505-120M	DN5-120M	A1133/4	110	420	340	130	260	100	60	M30	35	29.2
125	DIN505-125M	DN5-125M											
130	DIN505-130M	DN5-130M											
140	DIN505-140M	DN5-140M	A1137/8	125	440	360	150	300	120	65	M30	35	39.0
150	DIN505-150M	DN5-150M											

HB STEEL SERIES



Rigid Steel Hanger Units with Split Gunmetal Bearings

Heavy duty split steel head with a split gunmetal bush.

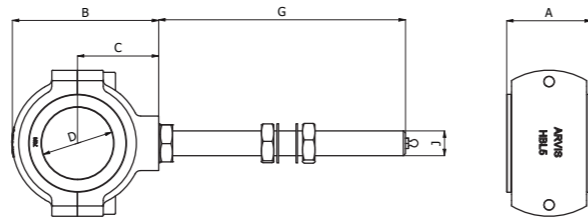
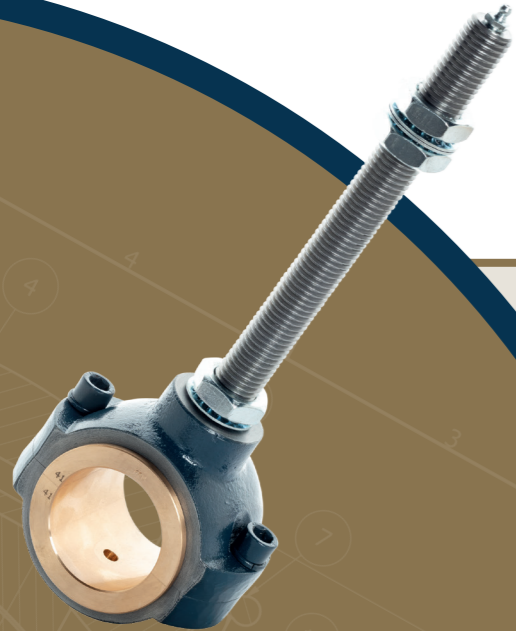
The unit comes complete with threaded rod, locknuts, and grease nipple.

Sealed versions can be supplied, and non-metallic bushes are available to order.

The split shells are replaceable.

D		Order Ref	Mark	B	C	Imensic Inches A	MM E	G	BSW Thread J	Weight (KG)
Inch	MM									
2 1/2	60	HB60M	A807	5	3	3	4 3/4	10	1	6.5
		HB40E		127.0	76.2	76.2	120.7	254		
	65	HB65M								
	70	HB70M								
2 3/4		HB44E		5 7/8	3 1/2	3 1/4	5 1/4	10		
	75	HB75M	A810	146.1	88.9	82.6	133.4	254	1	8
3		HB48E								
	80	HB80M								
	85	HB85M HB56E		6 1/2	3 7/8	4	6 1/2	10		
3 1/2	90	HB90M	A814	165.1	98.4	101.6	165.1	254	1	10.5
		HB60E	A817	7 1/2	4 1/2	4 1/2	7	10	1	15
3 3/4	100	HB100M		190.5	114.3	114.3	177.8	254		
4		HB64E								

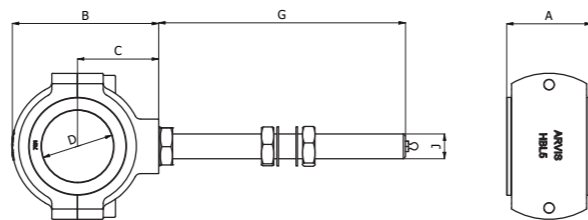
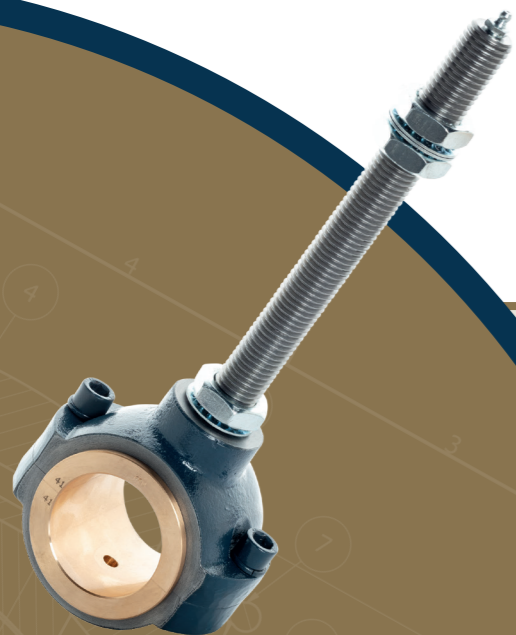
Customised versions of these units can be supplied - Specials made to order.

HB L SERIES**(DN5) DIN505 Medium Duty Plummer Blocks. Static Loads**

The DIN505 is a medium duty two bolt Plummer block which consists of a fully split cast iron housing and a split gunmetal bush. The units are suitable for grease lubrication and replacement bushes can be easily fitted.

D mm	Part No	Mark	B	C	A	E	G	J	Weight Kg
60 mm	HB60M L	HBL4	122	70	76.2	126	254	M24	3.5
65 mm	HB65M L								
70 mm	HB70M L	HBL5	142.5	79	82.6	142	254	M24	6.5
75 mm	HB75M L								
80 mm	HB80M	A814/5	149	98.4	101.68	165.1	254	1" BSW	10.5
100 mm	HB100M	A817/8	190.5	114.3	114.3	177.8	254	1" BSW	15

HB L SERIES



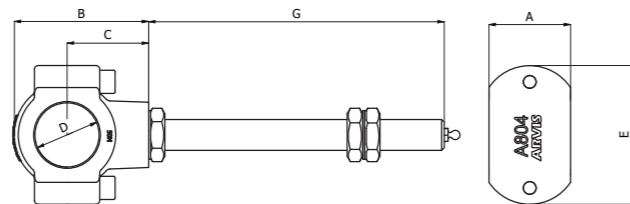
Split Gunmetal Hanger Bearings

The split housing is suspended on a threaded rod which is secured by lock nuts.

The rod is drilled down the centre and a grease nipple fitted to enable grease to be fed to the journal.

D Inch	Part No	Mark	B	C	A	E	G	J	Weight Kg
2"	HB32E(40E) L	HBL4	4.80	2.75	3.00	4.96	10	M24	6.5
2 1/4"	HB36E(40E) L								
2 3/8"	HB38E L								
2 1/2"	HB40E L								
2 5/8"	HB42E L								
2 3/4"	HB44E L	HBL5	5.625	3.125	3.250	5.59	10	M24	6.5
3"	HB48E L								
3 1/4"	HB52E	A814/5	149	98.4	101.68	165.1	254	1" BSW	10.5
3 1/2"	HB56E								
4"	HB64E	A817/8	190.5	114.3	114.3	177.8	254	1" BSW	15

Items with mark A814/5: A817/8 in this colour are Steel housings.

HB SMALL**Split Gunmetal Hanger Bearings**

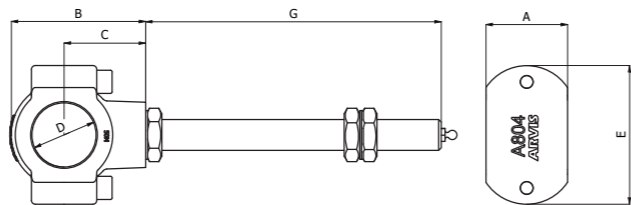
The split housing is suspended on a threaded rod which is secured by lock nuts.

The rod is drilled down the centre and a grease nipple fitted to enable grease to be fed to the journal.

D	Part No	Mark			Dimension	MM		Thread	Weight (KG)
Inch			B	C	A	E	G	J	
5/8.	HB12E	A801	2 1/4	1 3/8	1 1/2	2 1/2	5 5/8	3/4 BSW	1.0
1	HB16E	A801							
1 1/4	HB20E	A801							
1 3/8	HB22E#	A802	2 7/8	1 3/4	1 3/4	3	6 5/8	M24	1.8
1 1/2	HB24E#	A802							
1 9/16	HB25E#	A802							
1 5/8	HB26E#	A802							
1 3/4	HB28E#	A804	4 1/8	2 1/2	2 1/2	4 1/4	9 3/4	M24	4.0
1 7/8	HB30E#	A804							
1 15/16	HB31E#	A804							
2	HB32E#	A804							
2 1/8	HB34E#	A804							
2 1/4	HB36E#	A804							

Specials available - any material. Customised versions of these units can be supplied. Specials made to order. Non-metallic bushes or non-standard bore sizes - no problem.

HB SMALL



Split Gunmetal Hanger Bearings

The split housing is suspended on a threaded rod which is secured by lock nuts.

The rod is drilled down the centre and a grease nipple fitted to enable grease to be fed to the journal.

D	Part No	Mark			Dimension	MM		Thread	Weight (KG)
MM			B	C	A	E	G	J	
20	HB20M	A801	57.52	34.9	38.1	63.5	145	3/4BSW	1.0
25	HB25M	A801							
30	HB30M	A801							
35	HB35M#	A802	73.0	44.5	44.5	76.2	168	M24	1.8
40	HB40M#	A802							
45	HB45M#	A804	104.8	63.5	63.5	108	248	M24	3.6
50	HB50M#	A804							
55	HB55M#	A804							

Specials available - any material. Customised versions of these units can be supplied. Specials made to order. Non-metallic bushes or non-standard bore sizes - no problem.



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