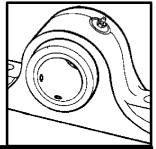
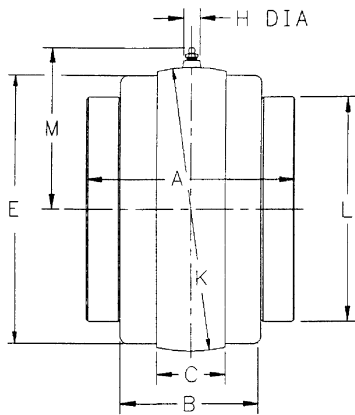


SELECTION/DIMENSIONS

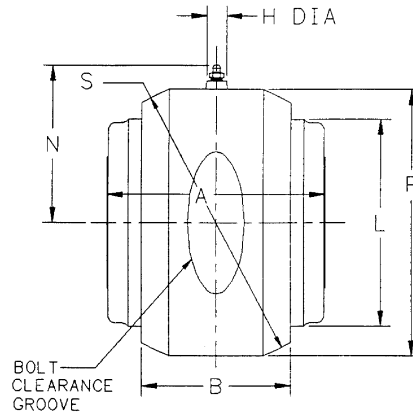


DOUBLE-INTERLOCK Units - Inch



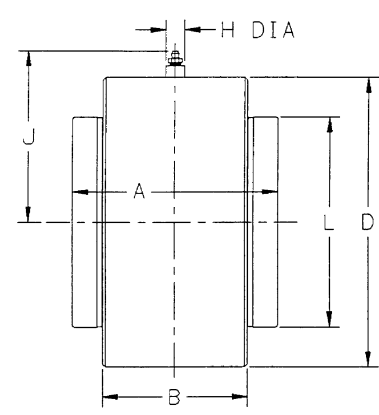
S-1 UNIT

S-1 units can be mounted in a cylindrical bore to accommodate lineal shaft expansion or in a spherical groove to act as an anchor bearing. They are the same quality units which provide the statically self-aligning feature for the DOUBLE-INTERLOCK expansion and non-expansion pillow blocks and expansion flange bearings and 1-3/16" to 4" non-expansion flange bearings.



D UNIT

D units require a spherical seat and serve as non-expansion bearings. It is the static self-aligning unit which was formerly used in DOUBLE-INTERLOCK non-expansion flange bearing and pillow blocks thru 5 bore size prior to '78. They are also currently in 4-7/16" to 5" flange bearings



B-1 UNIT

B-1 Units can only be used in a cylindrical bore and are often mounted in machines where bored holes can be provided. B-1 units can be used either as a non-expansion or expansion bearing by providing a suitable means of locating the unit axially. B-1 Units will handle slight misalignment requirements. Shaft must be supported by another unit or bearing. For mounting in rotating wheels, the Type C B-1 unit is preferred or consult the factory.

SHAFT SIZE INCHES	A	B	C	D	E		H	J	K	L	M	N	P	S
					MACH. SIDE	CAST SIDE								
1-3/16 1-1/4	2-3/4	1-7/8	11/32	3	2.813	2.88	**	2.32	3.125●	2-1/4	2.03	---	---	---
1-3/8 1-7/6	3	2-1/16	1-5/32	3-7/16	3.250	3.31	11/16	2.54	3.625●	2-3/4	2.64	2-7/8	3-5/8	3.844●
1-1/2 1-5/8 1-11/16	3-3/8	2-5/16	1-3/16	3-15/16	3.750	3.82	11/16	2.79	4.125●	3-3/16	2.89	3-1/8	4-3/32	4.344●
1-3/4 1-7/8 1-15/16 2	3-1/2	2-7/16	1-1/2	4-1/4	4.125	4.18	11/16	2.95	4.562●	3-7/16	3.10	3-1/4	4-7/16	4.656●
2-3/16	3-3/4	2-9/16	1-9/16	45/8	4.500	4.63	11/16	3.13	5.000●	3-3/4	3.32	3-7/16	4-23/32	5.000●
2-1/4 2-7/16 2-1/2	4	2-3/4	1-7/16	5	4.812	4.88	11/16	3.32	5.186●	4-1/16	3.41	3-37/64	5-5/32	5.437●
2-11/16 2-3/4 2-15/16 3	4-1/2	3	1-7/8	5-7/8	5.563	5.63	11/16	3.76	6.061●	4-23/32	3.85	4	5-13/16	6.094●
3-3/16 3-1/4 3-7/16 3-1/2	5	3-1/2	2	7-1/8	6.813	6.88	11/16	4.38	7.373#	5-17/32	4.51	4-11/16	7-7/32	7.500s
3-15/16 4	6-1/4	4-1/2	2-3/8	7-7/8	7.438	7.50	*	5.48	7.997#	6-1/8	5.16	5-1/8	8-1/8	8.375s
4-7/16 4 1/2	6-3/4	4-5/8	2-3/8	8-3/4	8.313	8.38	*	5.91	8.872#	6-7/16	5.60	5-1/2	8-7/8	9.125s
4 15/16 5	7-1/4	5-1/8	2-7/8	10-1/8	9.563	9.63	*	6.60	10.184#	7-7/16	6.26	6-3/16	10-1/4	10.500s
5-7/16 5-15/16 6	9	6-1/16	2-7/8	---	11.188	11.19	15/16	---	11.874 ^	9-3/8	7.10	---	---	---
6-7/16 6-1/2 6-15/16 7	10-1/2	7-1/8	3	---	13.250	13.25	15/16	---	14.248 ^	11-3/8	8.29	---	---	---

* 11/16" DIA ON D UNITS; 5/16" ON S-1 UNITS AND 3/4 HEX ON B-1 UNITS

** 11/16" DIA ON B-1 UNITS; 7/16" DIA ON S-1 UNITS

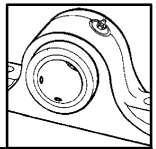
● +.000 TO .001" σ +.000 TO -.002"

#±.0005"

^+.000 TO -.003"

MODIFICATION/ACCESSORIES PAGE B5-9	SELECTION PAGE B5-11	EASY SELECTION PAGE B5-15	ENGINEERING/TECHNICAL PAGE B5-17
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SELECTION/DIMENSIONS



DOUBLE-INTERLOCK Units-inch

"S-1" UNITS -- GRAY IRON 1-3/16" thru 3"			
SHAFT SIZE INCHES #	PART NUMBER	PART NAME	WEIGHT LBS (APPROX)
1-3/16	023507	S1U-DI-103R	3
1-1/4	023508+	S1U-DI-104R	4
1-3/8	023509+	S1U-DI-106R	5
1-7/16	023510	S1U-DI-107R	5
1-1/2	023511+	S1U-DI-108R	7
1-5/8	023512	S1U-DI-110R	7
1-11/16	023513	S1U-DI-111R	7
1-3/4	023514	S1U-DI-112R	8
1-7/8	023515+	S1U-DI-114R	8
1-15/16	023516	S1U-DI-115R	8
2	023517	S1U-DI-200R	8
2-3/16	023518	S1U-DI-203R	10
2-1/4	023519+	S1U-DI-204R	12
2-7/16	023520	S1U-DI-207R	11
2-1/2	023521	S1U-DI-208R	11
2-11/16	023522	S1U-DI-211R	18
2-3/4	023523+	S1U-DI-212R	17
2-15/16	023524	S1U-DI-215R	17
3	023525	S1U-DI-300R	17

Consult DODGE For Sizes Not Listed.

+ Non-stock -- Consult DODGE For Delivery

"D" UNITS -- GRAY IRON			
SHAFT SIZE INCHES #	PART NUMBER	PART NAME	WEIGHT LBS (APPROX)
1-3/16	-----	DU-DI-103R	-----
1-1/4	-----	DU-DI-104R	-----
1-3/8	023480+	DU-DI-106R	5
1-7/16	023481	DU-DI-107R	5
1-1/2	023482	DU-DI-108R	8
1-5/8	023483+	DU-DI-110R	7
1-11/16	023484	DU-DI-111R	7
1-3/4	023485	DU-DI-112R	8
1-7/8	023486+	DU-DI-114R	8
1-15/16	023487	DU-DI-115R	8
2	023488	DU-DI-200R	8
2-3/16	023489	DU-DI-203R	9
2-1/4	023490+	DU-DI-204R	12
2-7/16	023491	DU-DI-207R	12
2-1/2	023492	DU-DI-208R	12
2-11/16	023493	DU-DI-211R	18
2-3/4	023494	DU-DI-212R	17
2-15/16	023495	DU-DI-215R	16
3	023496	DU-DI-300R	16
3-3/16	023497	DU-DI-303R	32
3-1/4	023498+	DU-DI-304R	31
3-7/16	023499	DU-DI-307R	30
3-1/2	023500	DU-DI-308R	29
3-15/16	023501	DU-DI-315R	46
4	023502	DU-DI-400R	43
4-7/16	023503	DU-DI-407R	57
4 1/2	023504+	DU-DI-408R	64
4-15/16	023505	DU-DI-415R	85
5	023506+	DU-DI-500R	85

Consult DODGE For Sizes Not Listed.

+ Non-stock -- Consult DODGE For Delivery

"S-1" UNITS -- GRAY IRON 3-3/16" thru 7"			
SHAFT SIZE INCHES #	PART NUMBER	PART NAME	WEIGHT LBS (APPROX)
3-3/16	023526	S1U-DI-303R	34
3-1/4	023527+	S1U-DI-304R	31
3-7/16	023528	S1U-DI-307R	31
3-1/2	023529+	S1U-DI-308R	31
3-15/16	023530	S1U-DI-315R	43
4	023531	S1U-DI-400R	43
4-7/16	023532	S1U-DI-407R	57
4 1/2	023533+	S1U-DI-408R	64
4-15/16	023534	S1U-DI-415R	82
5	023535+	S1U-DI-500R	82
5-7/16	023536	S1U-DI-507R	159
5-15/16	023537	S1U-DI-515R	135
6	023538	S1U-DI-600R	128
6-7/16	023539	S1U-DI-607R	187
6-1/2	023540	S1U-DI-608R	182
6-15/16	023541	S1U-DI-615R	180
7	023542	S1U-DI-700R	178

Consult DODGE For Sizes Not Listed.

+ Non-stock -- Consult DODGE For Delivery

"B-1" UNITS -- GRAY IRON			
SHAFT SIZE INCHES #	PART NUMBER	PART NAME	WEIGHT LBS (APPROX)
1-3/16	023543	BIU-DI-103R	3
1-3/8	023545	BIU-DI-106R	5
1-7/16	023546	BIU-DI-107R	5
1-1/2	023547	BIU-DI-108R	6
1-5/8	023548+	BIU-DI-110R	6
1-3/4	023550	BIU-DI-112R	8
1-15/16	023552	BIU-DI-115R	8
2	023553	BIU-DI-200R	7
2-3/16	023554	BIU-DI-203R	9
2-7/16	023556	BIU-DI-207R	12
2-1/2	023557	BIU-DI-208R	11
2-11/16	023558+	BIU-DI-211R	17
2-3/4	023559+	BIU-DI-212R	17
2-15/16	023560	BIU-DI-215R	17
3	023561	BIU-DI-300R	17
3-7/16	023564	BIU-DI-307R	30
3-1/2	023565	BIU-DI-308R	30
3-15/16	023566	BIU-DI-315R	45
4	023567	BIU-DI-400R	44
4-7/16	023568	BIU-DI-407R	58
4 1/2	023569	BIU-DI-408R	64
4-15/16	023570	BIU-DI-415R	87
5	023571	BIU-DI-500R	86

Consult DODGE For Sizes Not Listed.

+ Non-stock -- Consult DODGE For Delivery

SELECTION/DIMENSIONS TYPE E PAGE B5-11/B5-22	SELECTION/DIMENSIONS TYPE K PAGE B5-11/B5-34	SELECTION/DIMENSIONS DOUBLE-INTERLOCK PAGE B5-11/B5-44	
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