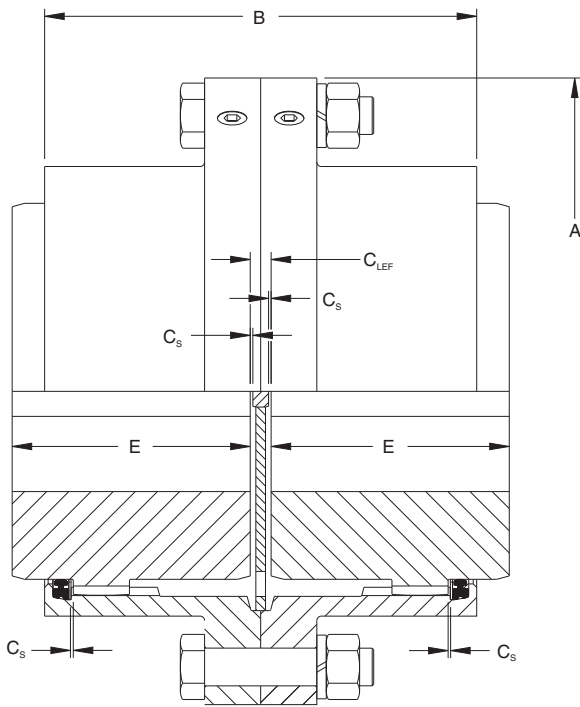


Limited End Float Coupling Size 1-7

For sleeve bearing motor applications, a WALDRON® standard full flex coupling is supplied with an LEF disc to limit the axial float of the motor rotor, and protect the motor bearings at start-up and shut-down. The hub separation, C_{LEF} is larger than for a standard full flex, and the LEF disc is placed between the hubs at assembly, limiting the float of the motor rotor to the total LEF value shown.

The equipment should be installed with the proper hub separation, C_{LEF} , when the motor rotor is located on magnetic center.

The LEF disc part numbers are listed below. See page 162 for the standard full flex part numbers.



Coupling Size	Total LEF (in.)	Dimensions					LEF Disc ^①	
		A	B	C_S	C_{LEF} (Hub Sep.)	E	Part No.	Wt.
1	1/8	4 9/16	3 3/16	1/32	3/16	1 11/16	1W LEFD	1
1 1/2	1/8	6	3 7/8	1/32	3/16	2 1/16	1 1/2W LEFD	1
2	1/8	7	4 5/8	1/32	3/16	2 7/16	2W LEFD	1
2 1/2	3/16	8 3/8	5 11/16	3/64	9/32	3 1/32	2 1/2W LEFD	1
3	3/16	9 7/16	6 9/16	3/64	9/32	3 19/32	3W LEFD	1
3 1/2	3/16	11	7 5/8	3/64	13/32	4 3/16	3 1/2W LEFD	2
4	3/16	12 1/2	8 5/8	3/64	13/32	4 3/4	4W LEFD	2
4 1/2	3/16	13 5/8	9 5/8	3/64	17/32	5 3/8	4 1/2W LEFD	2
5	3/16	15 5/16	10 13/16	3/64	17/32	6 1/8	5W LEFD	2
5 1/2*	3/16	16 3/4	11 5/8	3/64	17/32	6 5/8	5 1/2W LEFD	2
6*	3/16	18	13 1/4	3/64	19/32	7 3/8	6W LEFD	2
7*	3/16	20 3/4	14 3/4	3/64	25/32	8 11/16	7W LEFD	2

* Sizes 5 1/2, 6 and 7 are only available with exposed bolts. Type EB exposed bolts are standard.

① LEF Discs are used only in close coupled applications. One disc is required per coupling.

Note: For ratings and max. bores refer to page 162.

Coupling Greases

KOP-FLEX offers greases specifically designed for use in coupling applications. For proper lubrication and long service life, use KSG Standard Coupling Grease, or KHP High Performance Coupling Grease. See pages 170-172 for detailed specifications.

For vertical applications, a standard full flex coupling is supplied with special vertical hubs, a vertical plate, and standard flange fasteners. The vertical plate is installed with button down, and is used to support the assembled sleeves.

*Coupling Size	Dimensions			Vertical Plate		Vertical Hub	
	A	C_C	E_1	Part No.	Wt.	Part No.	Wt.
1	4 9/16	3/8	1 9/16	1W VP	1	1W VHUB	3
1 1/2	6	3/8	1 15/16	1 1/2W VP	1	1 1/2W VHUB	3
2	7	3/8	2 5/16	2W VP	2	2W VHUB	7
2 1/2	8 3/8	3/8	2 15/16	2 1/2W VP	2	2 1/2W VHUB	12
3	9 7/16	3/8	3 1/2	3W VP	3	3W VHUB	20
3 1/2	11	3/8	4 1/8	3 1/2W VP	4	3 1/2W VHUB	28
4	12 1/2	3/4	4 1/2	4W VP	7	4W VHUB	47
4 1/2	13 5/8	3/4	5 5/32	4 1/2W VP	10	4 1/2W VHUB	66
5	15 5/16	3/4	5 29/32	5W VP	12	5W VHUB	96
5 1/2	16 3/4	3/4	6 13/32	5 1/2W VP	15	5 1/2W VHUB	115
6	18	3/4	7 5/32	6W VP	19	6W VHUB	140
7	20 3/4	7/8	8 1/2	7W VP	25	7W VHUB	240

* Exposed bolts are standard for all sizes.

Shrouded bolts are available for sizes 1 through 5.

Note: For ratings and max. bores refer to page 162.

Vertical Coupling Size 1-7

