

# Oil Free Bushings - Center Flanged Housing Units (Built-In Copper Alloy Bushings)

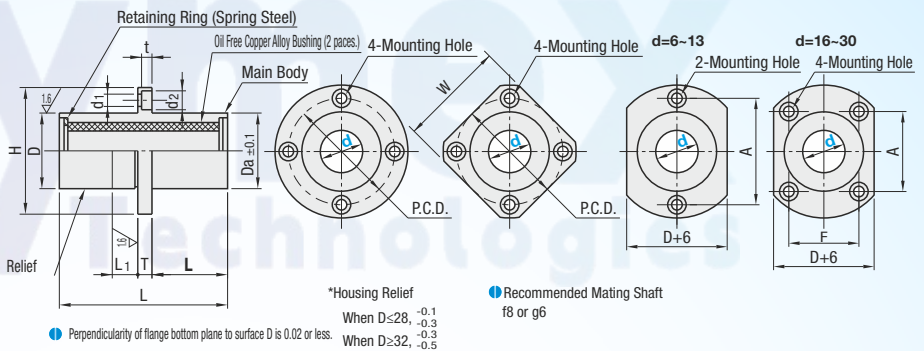


- Features:** Suitable for vertical use. Reduces the time of manufacturing and assembling the housing. Workpiece located near the center of the bushing provides balanced load and clearance on both sides of the flange.



- With Non-Contact Seals  
Teflon seal of 0.3mm thick is attached on the inner side of each retaining ring.

Type			Seal	Housing		Bushing	Operating Temperature (°C)
Round Flange	Square Flange	Compact Flange		M Material	S Surface Treatment	M Material	
DMFCMW	DMFCKW	DMFCNW	No Seal	Ss400	Electroless Nickel Plating	High Tensile Brass Alloy, Solid Lubricant Embedded	-40 to 150
DMFCMW-S	DMFCKW-S	DMFCNW-S	With Non-Contact Seals				-25 to 100



Part Number		d		D		L			L1		t		H	T	d <sub>1</sub>	d <sub>2</sub>	t	P.C.D.	W	F	A
Type		Tolerance	Tolerance	Da	No Seal, With Non-contact Seals	With Dust Seals			No Seal, With Non-contact Seals	With Dust Seals											
(No Seal)	Round Flange	+ 0.022 0	12	0 - 0.018	11.8	37	—	5	16	—	28	5	3.5	6	3.1	20	22	-	20		
	DMFCMW																				
(With Non-Contact Seals)	Square Flange	+ 0.028 0	15	0 - 0.021	14.8	47	—	5	21	—	32	6	4.5	7.5	4.1	24	25	-	24		
	DMFCMW-S																				
(No Seal)	Compact Flange	+ 0.034 0	21	0 - 0.025	18.8	57	63	10	25.5	29.5	42	6	5.5	9	5.1	29	30	-	29		
																				DMFCKW	
(With Non-Contact Seals)	Compact Flange	+ 0.034 0	23	0 - 0.025	20.8	67	75	10	28.5	34.5	48	8	6.6	11	6.1	32	32	-	32		
																				DMFCKW-S	
(No Seal)	Compact Flange	+ 0.041 0	28	0 - 0.025	22.8	67	75	10	—	—	43	8	5.5	9	5.1	33	34	-	33		
																				DMFCNW	
(With Non-Contact Seals)	Compact Flange	+ 0.041 0	32	0 - 0.025	27.8	67	75	10	30.5	34.5	48	8	5.5	9	5.1	38	37	22	31		
																				DMFCNW-S	
(With Non-Contact Seals)	Compact Flange	+ 0.041 0	40	0 - 0.025	31.6	77	88	10	34.5	39	54	8	5.5	9	5.1	43	42	24	36		
																				DMFCNW-S	
			45		39.6	108	120		50	56	62					51	50	32	40		
					44.6	128	141		59	65.5	74	10	6.6	11	6.1	60	58	35	49		

## Basic Specifications

- Type - Flange Integrated
- Case Material - Ss400
- Max. Allowable PV Value Range (N/mm<sup>2</sup> · m/s) - 1.1~2.0
- Metal Type - High-Tensile Brass Alloy
- Maximum Allowable Velocity (m/s) - 0.5
- Max. Allowable PV Value (N/mm<sup>2</sup>·m/s) - 1.65
- Max. Allowable Surface Pressure P (N/mm<sup>2</sup>) - 29
- Length Type - Double

- Operating Temperature Range (°C)-  
-40::150 / -40::200 /  
-40::150\$-40::200::-\$-40::150\$-40::200:::

ORDERING GUIDE



DMFCMW6

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