

MFO

Electromagnetic single disc brake (Dry type)

2023/03/22

Overall View

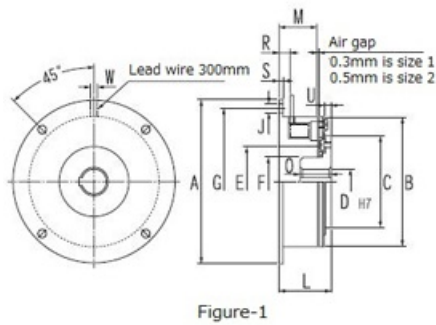


Figure-1

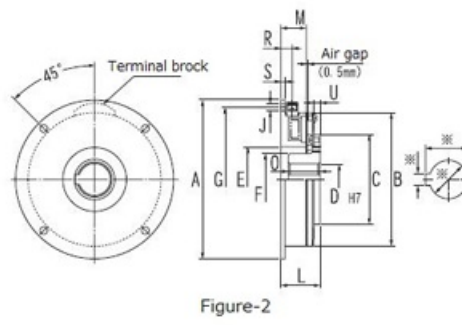
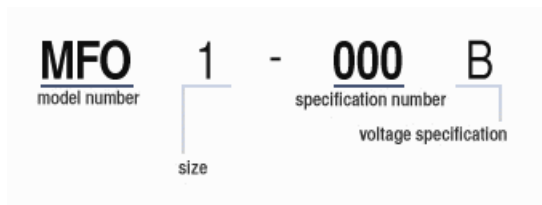


Figure-2

Part Number



Specifications

Model	Max Speed [min ⁻¹]	Weight [kg]	Static friction torque [N·m]	Coil 20deg.C Voltage DC [V]	Coil 20deg.C Wattage [W]	Coil 20deg.C Current [A]
MFO1	3600	0.76	10	24	16.0	0.67
MFO2	3600	1.35	20	24	23.0	0.96
MFO4	3600	3.37	40	24	31.7	1.32
MFO8	3000	4.40	80	24	36.0	1.50
MFO16	2500	8.40	160	24	40.6	1.69

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Diameter

Model	Diameter A+0-0.05 [mm]	Diameter B [mm]	Diameter C [mm]	Diameter D max H7 [mm]	Diameter D Prepared Hole [mm]	Diameter E [mm]
MFO1	100	81.0	55	20	5	42
MFO2	125	101.0	72	30	8	52
MFO4	150	126.0	85	35	10	62
MFO8	190	162.0	115	50	10	80
MFO16	230	201.0	150	65	15	100

Model	Diameter F [mm]	Diameter G [mm]	Diameter J [mm]
MFO1	32.0	90	4-5.5
MFO2	42.0	112	43197
MFO4	50.0	137	4-6.6
MFO8	65.0	175	43199
MFO16	83.0	215	43199

Length

Model	Length L [mm]	Length M [mm]	Length O [mm]	Length R [mm]	Length S [mm]	Length V [mm]
MFO1	28.5	19.0	20.0	9.0	2.5	4.7
MFO2	33.0	22.0	25.0	10.0	3.0	5.2
MFO4	37.0	24.0	30.0	11.0	3.5	6.4
MFO8	42.0	26.0	38.0	13.0	4.0	8.0
MFO16	50.5	30.0	48.0	16.0	5.0	10.5

Other Specifications

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Model	Outline Drawing	Moment of Inertia J [×10 ⁻⁴ kg·m ²]
MFO1	Figure-1	1.6
MFO2	Figure-1	6.2
MFO4	Figure-2	15.3
MFO8	Figure-2	56.8
MFO16	Figure-2	171.3

■ Notes

Please specify the size of mark.