

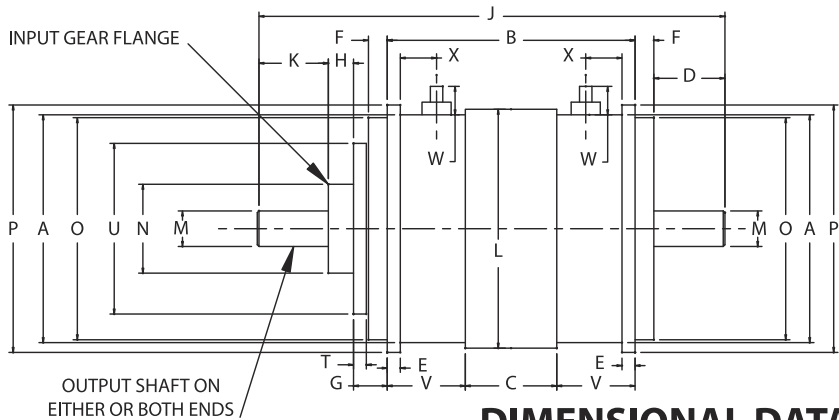
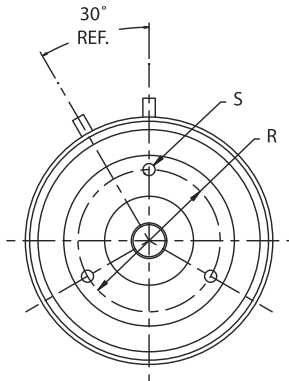


PANCAKE MBB CLUTCH BRAKE



SPECIFICATIONS

		MBB-26	MBB-28	MBB-30	MBB-32	MBB-34
Weight (Nominal)	<i>Oz.</i>	2.0	3.2	6.6	9.8	16.0
Volts	<i>D.C.</i>	24 to 28	24 to 28	24 to 28	24 to 28	24 to 28
Coil Resistance $\pm 10\%$	<i>Ohms</i>	275.0	169.0	165.0	151.0	138.0
Clutch Torque Minimum @ 24 V.D.C.	<i>Oz. In.</i>	6.0	32.0	40.0	72.0	180.0
Brake Torque Minimum @ 24 V.D.C.	<i>Oz. In.</i>	6.0	48.0	50.0	80.0	200.0
Response Time @ 28 V.D.C. (Energize)	<i>MS Nom.</i>	4.0	5.0	7.0	9.0	12.0
Maximum No Load Torque (Drag) Energized	<i>Oz. In.</i>	.25	.25	.40	.60	.80
Maximum No Load Torque (Drag) De-energized	<i>Oz. In.</i>	.10	.10	.30	.50	.70
Polar Moment of Inertia - Input Gear Flange	<i>In. Lb. Sec²</i>	2.8×10^{-6}	4.9×10^{-6}	15.3×10^{-6}	42.0×10^{-6}	57.8×10^{-6}
Polar Moment of Inertia - Output Shaft	<i>In. Lb. Sec²</i>	2.7×10^{-6}	7.7×10^{-6}	19.0×10^{-6}	44.6×10^{-6}	90.2×10^{-6}



DIMENSIONAL DATA

	A	B	C	D/K	E	F	G	H	J	L	M*	N*	O*	P	R	S	T	U	V	W	X
Model	$\pm .010$	$\pm .015$	$\pm .010$	$\pm .020$	$+.003$ $-.000$	$\pm .005$	$\pm .005$	$\pm .005$	$\pm .015$	$\pm .005$	$+.0000$ $-.0005$	$+.0000$ $-.0005$	$+.0000$ $-.0005$	$+.000$ $-.005$	$\pm .005$	2B THD	$\pm .002$	$\pm .005$	REF	REF	REF
MBB-26	.800	.875	.445	.300	.047	.100	.175	.120	1.870	.845	.1248	.3750	.7500	.877	.625	#2-56	.061	.740	.215	.220	.065
MBB-28	1.025	.875	.435	.300	.060	.100	.175	.120	1.870	1.105	.1248	.3750	1.0000	1.115	.625	#2-56	.061	.740	.220	.230	.065
MBB-30	1.250	1.020	.520	.375	.060	.125	.203	.177	2.275	1.350	.1873	.5000	1.2500	1.370	.750	#2-56	.064	.934	.250	.218	.065
MBB-32	1.500	1.234	.634	.500	.060	.125	.230	.177	2.766	1.600	.2498	.6250	1.5000	1.620	1.000	#2-56	.090	1.200	.300	.210	.065
MBB-34	1.650	1.743	.643	.500	.090	.125	.230	.177	3.275	1.745	.2498	.6250	1.5620	1.740	1.000	#2-56	.090	1.200	.550	.200	.255

* Concentric within .0015 T.I.R.

ISO 9001:2015 and AS9100D

We Are Your Source for Custom, American Made Precision Miniature Electromagnetic Clutches, Brakes, Solenoids, and Torque Indicators.