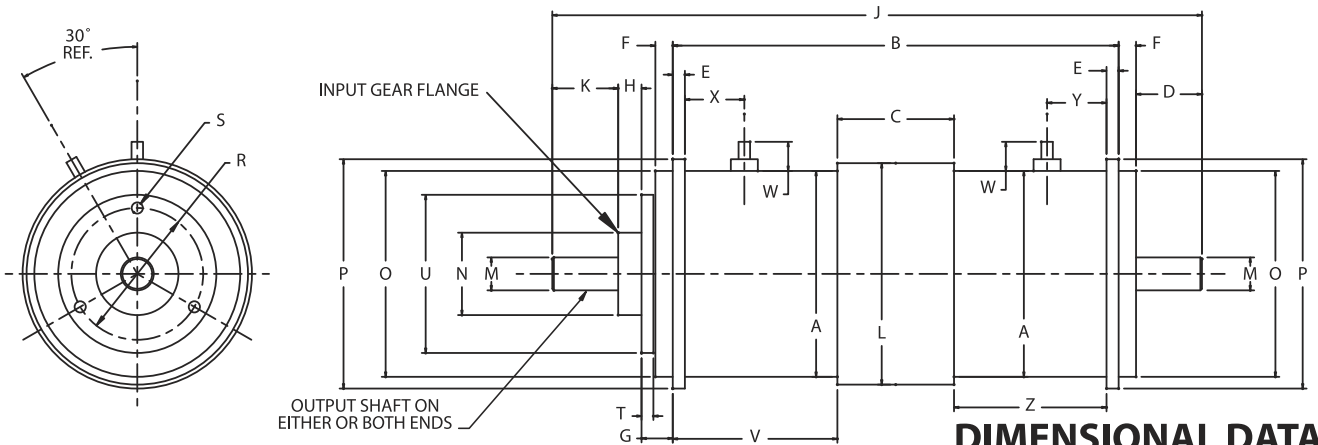




SPECIFICATIONS

		MBB-4	MBB-6	MBB-8	MBB-10	MBB-12
Weight (Nominal)	<i>Oz.</i>	1.8	3.9	8.0	13.8	24.9
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>	246.0	193.0	169.0	150.0	144.0
Clutch Torque Minimum @ 24 V.D.C.	<i>Oz. In.</i>	6.0	26.0	64.0	100.0	256.0
Brake Torque Minimum @ 24 V.D.C.	<i>Oz. In.</i>	6.0	35.0	90.0	140.0	272.0
Response Time @ 28 V.D.C. (Energize)	<i>MS Nom.</i>	5.0	11.0	13.0	17.0	43.0
Maximum No Load Torque (Drag) Energized	<i>Oz. In.</i>	.15	.25	.40	.60	1.0
Maximum No Load Torque (Drag) De-energized	<i>Oz. In.</i>	.05	.10	.15	.20	1.0
Polar Moment of Inertia - Input Gear Flange	<i>In. Lb. Sec²</i>	0.6×10^{-6}	3.8×10^{-6}	11.5×10^{-6}	20.2×10^{-6}	91.1×10^{-6}
Polar Moment of Inertia - Output Shaft	<i>In. Lb. Sec²</i>	0.5×10^{-6}	3.4×10^{-6}	12.9×10^{-6}	25.8×10^{-6}	84.6×10^{-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	Y	Z
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	REF	REF
MBB-4	.531	1.436	.393	.300	.047	.060	.125	.079	2.300	.578	.0935	.2190	.5000	.594	.344	#0-80	.056	.450	.578	.150	.045	.200	.465
MBB-6	.750	2.050	.433	.300	.060	.100	.170	.120	3.040	.796	.1248	.3750	.7500	.827	.625	#2-56	.061	.740	.880	.229	.368	.254	.737
MBB-8	1.000	2.516	.536	.375	.060	.100	.177	.177	3.720	1.080	.1248	.5000	1.0000	1.090	.750	#2-56	.064	.934	1.074	.224	.431	.257	.906
MBB-10	1.250	2.735	.584	.375	.060	.125	.203	.177	3.990	1.350	.1873	.5000	1.2500	1.370	.750	#2-56	.064	.934	1.168	.221	.387	.255	.983
MBB-12	1.562	3.157	.885	.500	.092	.132	.237	.177	4.703	1.680	.2498	.6250	1.5620	1.740	1.000	#2-56	.090	1.200	1.242	.221	.451	.300	1.030

* Concentric within .0015 T.I.R.

ISO 9001:2015 and AS9100D

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