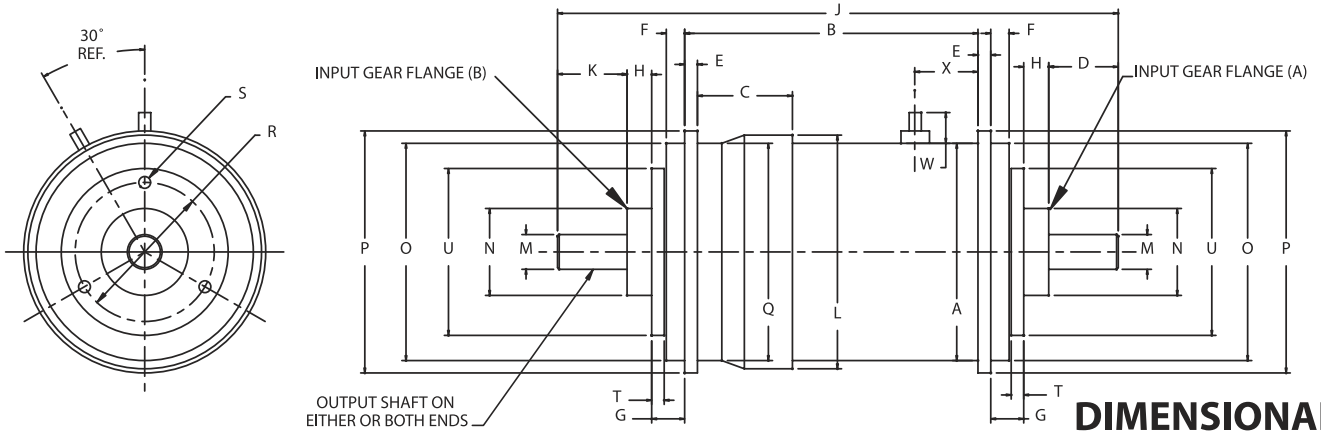
SPECIFICATIONS

		MBC-4	MBC-6	MBC-8	MBC-10	MBC-12
Weight (Nominal)	*Oz.*	1.0	2.9	5.9	9.7	18.9
Volts	*D.C.*	24 to 28	24 to 28	24 to 28	24 to 28	24 to 28
Coil Resistance ±10%	*Ohms*	246.0	193.0	169.0	150.0	144.0
Clutch Torque Minimum @ zero V.D.C. *Oz. In.*		3.5	12.0	26.0	60.0	120.0
Clutch Torque Minimum @ 24 V.D.C.	*Oz. In.*	4.5	14.0	32.0	60.0	152.0
Response Time @ 28 V.D.C. (Energize) *MS Nom.*		6.0	13.0	22.0	26.0	58.0
Maximum No Load Torque (Drag) Energized	*Oz. In.*	.12	.25	.50	.60	.80
Maximum No Load Torque (Drag) De-energized *Oz. In.)*		.05	.20	.50	.60	1.00
Polar Moment of Inertia - Input Gear Flange (A)	In. Lb. Sec^2	.48 x 10^{-6}	3.8 x 10^{-6}	11.5 x 10^{-6}	20.2 x 10^{-6}	67.8 x 10^{-6}
Polar Moment of Inertia - Input Gear Flange (B)	In. Lb. Sec^2	.40 x 10^{-6}	2.6 x 10^{-6}	7.7 x 10^{-6}	14.6 x 10^{-6}	67.8 x 10^{-6}
Polar Moment of Inertia - Output Shaft	In. Lb. Sec^2	.32 x 10^{-6}	1.6 x 10^{-6}	8.0 x 10^{-6}	15.2 x 10^{-6}	93.6 x 10^{-6}



DIMENSIONAL DATA

	A	B	C	D	E	F	G	H	J	K	L	M*	N*	O*	P	Q	R	S	T	U	W	X
Model	±.010	±.015	±.010	±.020	+.003 -.000	±.005	±.005	±.005	±.015	±.020	±.005	+.0000 -.0005	+.0000 -.0005	+.0000 -.0005	+.000 -.005	±.005	±.005	2B THD	±.002	±.005	REF	REF
MBC-4	.531	.965	.340	.300	.047	.060	.125	.079	1.973	.300	.578	.0935	.2190	.5000	.594	.530	.344	#0-80	.056	.450	.150	.245
MBC-6	.750	1.350	.410	.300	.060	.100	.170	.120	2.530	.300	.796	.1248	.3750	.7500	.827	.750	.625	#2-56	.061	.740	.229	.368
MBC-8	1.000	1.628	.494	.375	.060	.100	.177	.177	3.086	.375	1.080	.1248	.5000	1.0000	1.090	1.000	.750	#2-56	.064	.934	.224	.431
MBC-10	1.250	1.740	.512	.375	.060	.125	.203	.177	3.250	.375	1.350	.1873	.5000	1.2500	1.370	1.250	.750	#2-56	.064	.934	.221	.387
MBC-12	1.562	2.017	.683	.500	.092	.132	.237	.177	3.845	.500	1.680	.2498	.6250	1.5620	1.740	1.562	1.000	#2-56	.090	1.200	.221	.451

* Concentric within .0015 T.I.R.