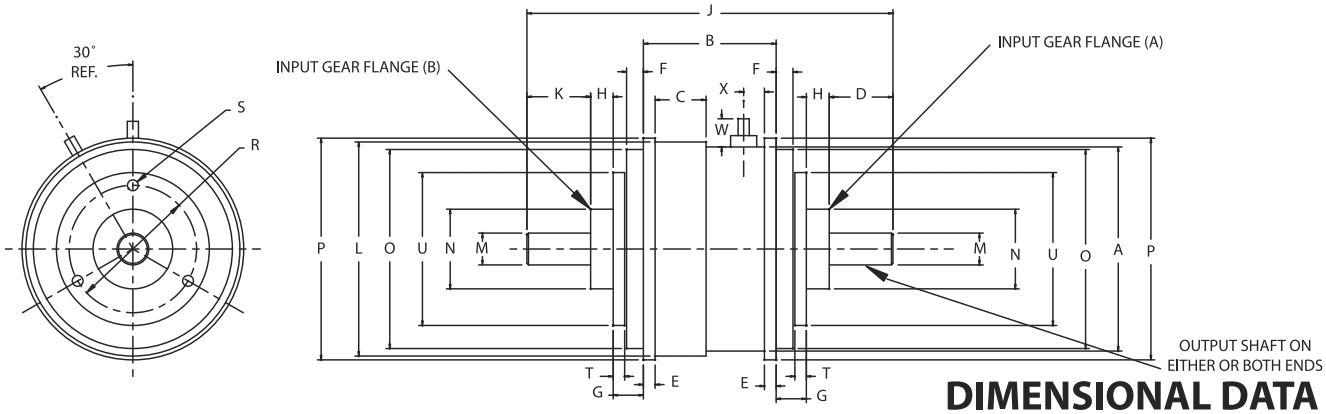
PANCAKE MBC DUPLEX CLUTCH

AUTOTRONICS Inc.

MADE IN USA

SPECIFICATIONS

		MBC-26	MBC-28	MBC-30	MBC-32	MBC-34
Weight (Nominal)	*Oz.*	1.6	2.6	4.5	9.0	12.0
Volts	*D.C.*	24 to 28	24 to 28	24 to 28	24 to 28	24 to 28
Coil Resistance ±10%	*Ohms*	275.0	169.0	165.0	151.0	138.0
Clutch Torque Minimum @ zero V.D.C.	*Oz. In.*	3.0	12.0	16.0	32.0	80.0
Clutch Torque Minimum @ 24 V.D.C.	*Oz. In.*	5.0	12.0	16.0	32.0	100.0
Response Time @ 28 V.D.C. (Energize)	*MS Nom.*	7.0	7.0	10.0	14.0	20.0
Maximum No Load Torque (Drag) Energized	*Oz. In.*	.25	.25	.30	.45	.60
Maximum No Load Torque (Drag) De-energized	*Oz. In.*	.20	.20	.40	.60	.80
Polar Moment of Inertia - Input Gear Flange (A)	In. Lb. Sec^2	2.8×10^{-6}	4.9×10^{-6}	15.3×10^{-6}	42.0×10^{-6}	57.8×10^{-6}
Polar Moment of Inertia - Input Gear Flange (B)	In. Lb. Sec^2	2.6×10^{-6}	4.7×10^{-6}	11.5×10^{-6}	35.4×10^{-6}	56.7×10^{-6}
Polar Moment of Inertia - Output Shaft	In. Lb. Sec^2	1.2×10^{-6}	5.1×10^{-6}	11.7×10^{-6}	36.4×10^{-6}	63.7×10^{-6}



DIMENSIONAL DATA

	A	B	C	D	E	F	G	H	J	K	L	M*	N*	O*	P	P'	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	+.000 -.005	±.005	2B THD	±.002	±.005	REF	REF
MBC-26	.800	.532	.270	.300	.047	.100	.175	.120	1.722	.300	.845	.1248	.3750	.7500	.877	.920	.625	#2-56	.061	.740	.220	.065
MBC-28	1.025	.532	.252	.300	.060	.100	.175	.120	1.722	.300	1.105	.1248	.3750	1.0000	1.115	1.195	.625	#2-56	.061	.740	.230	.065
MBC-30	1.250	.659	.349	.375	.060	.125	.203	.177	2.169	.375	1.350	.1873	.5000	1.2500	1.370	1.470	.750	#2-56	.064	.934	.218	.065
MBC-32	1.500	.801	.441	.500	.060	.125	.230	.177	2.615	.500	1.600	.2498	.6250	1.5000	1.620	1.718	1.000	#2-56	.090	1.200	.210	.065
MBC-34	1.650	1.042	.400	.500	.090	.125	.230	.177	2.856	.500	1.745	.2498	.6250	1.5620	1.740	1.853	1.000	#2-56	.090	1.200	.200	.255

* Concentric within .0015 T.I.R.

ISO 9001:2015 and AS9100D

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