

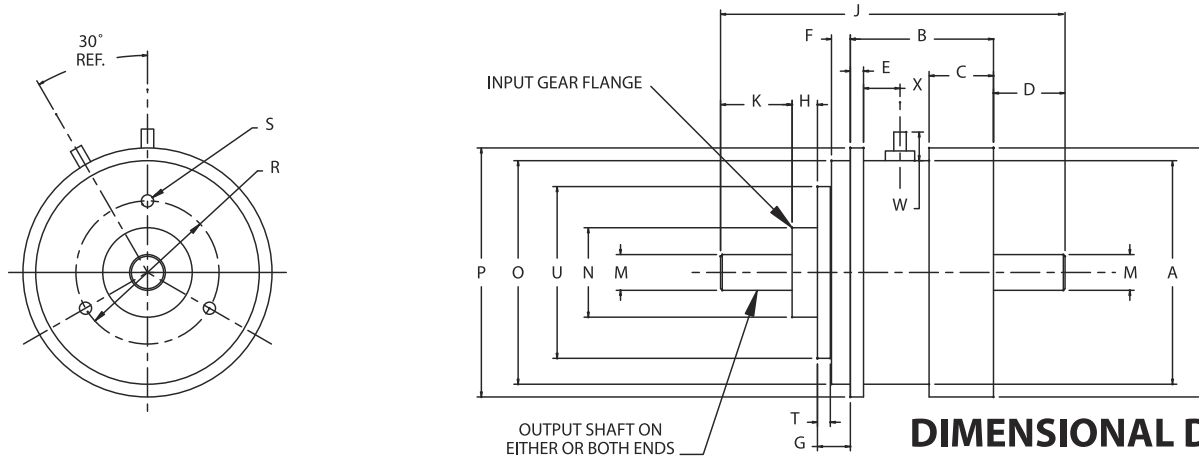


# PANCAKE MC BRAKE CLUTCH



## SPECIFICATIONS

		MC-26	MC-28	MC-30	MC-32	MC-34
Weight (Nominal)	Oz.	1.3	2.0	3.8	6.3	9.4
Volts	D.C.	24 to 28	24 to 28	24 to 28	24 to 28	24 to 28
Coil Resistance $\pm 10\%$	Ohms	275.0	169.0	165.0	151.0	138.0
Clutch Torque Minimum @ 24 V.D.C.	Oz. In.	5.0	16.0	16.0	32.0	100.0
Brake Torque Minimum	Oz. In.	3.0	12.0	16.0	32.0	80.0
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	.40	.60	.80
Maximum No Load Torque (Drag) De-energized	Oz. In.	.15	.15	.30	.60	.80
Polar Moment of Inertia - Input Gear Flange	In. Lb. Sec <sup>2</sup>	$2.8 \times 10^{-6}$	$4.9 \times 10^{-6}$	$15.5 \times 10^{-6}$	$42.0 \times 10^{-6}$	$57.8 \times 10^{-6}$
Polar Moment of Inertia - Output Shaft	In. Lb. Sec <sup>2</sup>	$1.1 \times 10^{-6}$	$5.1 \times 10^{-6}$	$11.6 \times 10^{-6}$	$36.3 \times 10^{-6}$	$63.6 \times 10^{-6}$



## DIMENSIONAL DATA

	A	B	C	D	E	F	G	H	J	K	L	M*	N*	O*	P	R	S	T	U	W	X
Model	$\pm .010$	$\pm .015$	$\pm .010$	$\pm .020$	$+.003$ $-.000$	$\pm .005$	$\pm .005$	$\pm .005$	$\pm .015$	$\pm .020$	$\pm .005$	$+.0000$ $-.0005$	$+.0000$ $-.0005$	$+.0000$ $-.0005$	$+.000$ $-.005$	$\pm .005$	<b>2B</b> <b>THD</b>	$\pm .002$	$\pm .005$	REF	REF
MC-26	.800	.500	.285	.300	.047	.100	.175	.120	1.395	.300	.845	.1248	.3750	.7500	.877	.625	#2-56	.061	.740	.220	.065
MC-28	1.025	.500	.280	.300	.060	.100	.175	.120	1.395	.300	1.105	.1248	.3750	1.0000	1.115	.625	#2-56	.061	.740	.230	.065
MC-30	1.250	.625	.375	.375	.060	.125	.203	.177	1.755	.375	1.350	.1873	.5000	1.2500	1.370	.750	#2-56	.064	.934	.218	.065
MC-32	1.500	.750	.450	.500	.060	.125	.230	.177	2.157	.500	1.600	.2498	.6250	1.5000	1.620	1.000	#2-56	.090	1.200	.210	.065
MC-34	1.650	1.000	.450	.500	.090	.125	.230	.177	2.407	.500	1.745	.2498	.6250	1.5620	1.740	1.000	#2-56	.090	1.200	.200	.255

\* Concentric within .0015 T.I.R.

## ISO 9001:2015 and AS9100D

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