

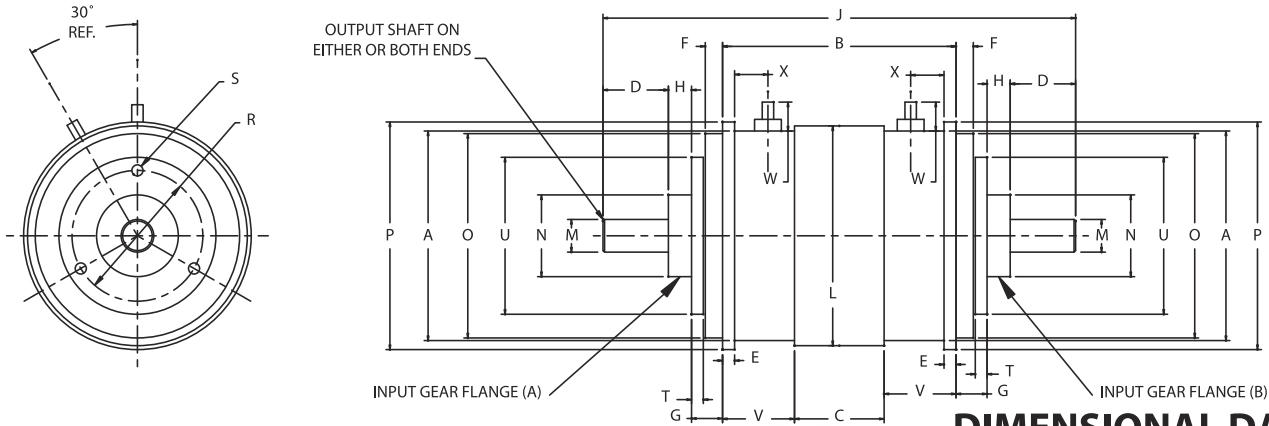


# PANCAKE MCC DUPLEX CLUTCH



## SPECIFICATIONS

		MCC-26	MCC-28	MCC-30	MCC-32	MCC-34
Weight (Nominal)	Oz.	2.6	3.3	7.6	10.2	16.8
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 @ 24 V.D.C. (Either Coil)	Oz. In.	6.0	32.0	40.0	72.0	180.0
Response Time @ 28 V.D.C. (Ener.) (Either Coil)	MS Nom.	4.0	5.0	7.0	9.0	12.0
Maximum No Load Torque (Drag) Energized	Oz. In.	.25	.25	.40	.60	.80
Maximum No Load Torque (Drag) De-energized	Oz. In.	.10	.10	.30	.50	.70
Polar Moment of Inertia - Input Gear Flange (A)	In. Lb. Sec <sup>2</sup>	2.8 x 10 <sup>-6</sup>	4.9 x 10 <sup>-6</sup>	15.3 x 10 <sup>-6</sup>	42.0 x 10 <sup>-6</sup>	57.8 x 10 <sup>-6</sup>
Polar Moment of Inertia - Input Gear Flange (B)	In. Lb. Sec <sup>2</sup>	2.5 x 10 <sup>-6</sup>	4.9 x 10 <sup>-6</sup>	15.3 x 10 <sup>-6</sup>	42.0 x 10 <sup>-6</sup>	57.8 x 10 <sup>-6</sup>
Polar Moment of Inertia - Output Shaft	In. Lb. Sec <sup>2</sup>	2.7 x 10 <sup>-6</sup>	7.7 x 10 <sup>-6</sup>	15.9 x 10 <sup>-6</sup>	50.2 x 10 <sup>-6</sup>	89.6 x 10 <sup>-6</sup>



## DIMENSIONAL DATA

	A	B	C	D	E	F	G	H	J	L	M*	N*	O*	P	R	S	T	U	V	W	X
Model	±.010	±.015	±.010	±.020	+0.003 -0.000	±.005	±.005	±.005	±.015	±.005	+0.000 -0.0005	+0.000 -0.0005	+0.000 -0.0005	+0.000 -0.005	±.005	2B THD	±.002	±.005	REF	REF	REF
MCC-26	.800	.868	.438	.300	.047	.100	.175	.120	2.058	.845	.1248	.3750	.7500	.877	.625	#2-56	.061	.740	.215	.220	.065
MCC-28	1.025	.906	.466	.300	.060	.100	.175	.120	2.096	1.105	.1248	.3750	1.0000	1.115	.625	#2-56	.061	.740	.220	.230	.065
MCC-30	1.250	1.054	.554	.375	.060	.125	.203	.177	2.564	1.350	.1873	.5000	1.2500	1.370	.750	#2-56	.064	.934	.250	.218	.065
MCC-32	1.500	1.285	.685	.500	.060	.125	.230	.177	3.099	1.600	.2498	.6250	1.5000	1.620	1.000	#2-56	.090	1.200	.300	.210	.065
MCC-34	1.650	1.785	.685	.500	.090	.125	.230	.177	3.599	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.