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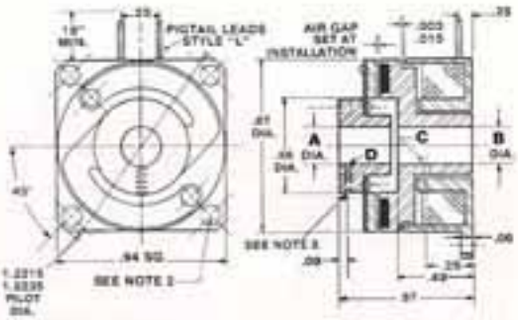
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Find the *Electroid 58 ECA-26CC-12MM-6-90V-L* at our website: ***Click HERE***

ECA SERIES

ECA-08CC





MODEL NO.	A	B	C	D
ECA-08CC-3	.1875 .1885	.1875 .1865	.078 .081	#4-40 SET SCREWS

ECA-08CC NOTES:

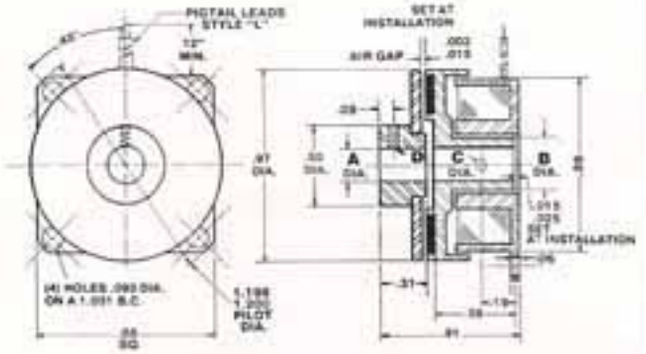
1. Rotor is secured to shaft by roll pin (see C).
2. (2) holes $\frac{.046}{.049}$ dia. 180° apart on a .437±.002 B.C. Use #00 x 1/8 long, type "U" drive screw to secure return spring to customer part when standard hub is not used.
3. Armature is secured to shaft by set screw (see D).

CUSTOMER SHALL MAINTAIN:

Concentricity of field mounting pilot diameter with shaft(s) within .003 T.I.R.
Squareness of stationary field mounting face with shafts within .002 T.I.R. measured at 1.072 B.C.
Axial dimensions $\frac{.002}{.015}$ and $\frac{.003}{.015}$ to control proper clearances
Concentricity between armature shaft and rotor shaft within .003 T.I.R.

ECA-10CC





MODEL NO.	A	B	C	D
ECA-10CC-3	.1875 .1885	.1875 .1885	.062 .065	#4-40 SET SCREW
ECA-10CC-4	.250 .251	.250 .251	.062 .065	#4-40 SET SCREW

ECA-10CC NOTE:

Rotor and armature are secured to shafts by roll pin and set screw (see C and D).

CUSTOMER SHALL MAINTAIN:

Concentricity of field mounting pilot diameter with shafts within .003 T.I.R.
Squareness of stationary field mounting face with shafts within .003 T.I.R. measured at 1.031 B.C.

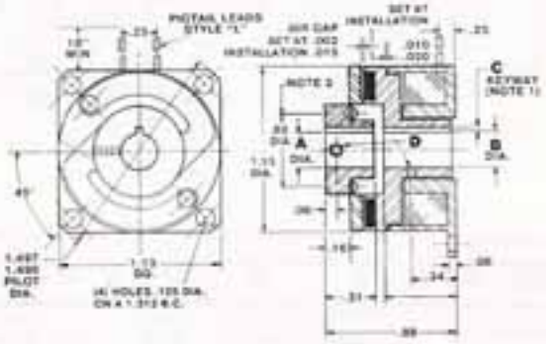
TECHNICAL DATA

MECHANICAL										ELECTRICAL		
		WEIGHT (OZ.)			INERTIA (LB-IN²)							
MODEL NO.	RATED STATIC TORQUE (IN-LB)	ARMATURE ASSEMBLY	ROTOR ASSEMBLY	FIELD ASSEMBLY	ARMATURE ASSEMBLY	ROTOR ASSEMBLY	RESPONSE TIME (MSEC)	LIFE AT RATED TORQUE (MILLION CYCLES)	MAXIMUM RATED SPEED (RPM)	COIL NO.	RATED VOLTAGE (VDC)	CURRENT (AMPS)
ECA-08CC	1.5	.28	.38	.77	.0014	.0021	10	5	10,000	1	90	.043
										2	24/28	.175
										3	12	.320
										4	6	.640
ECA-10CC	1.0	.34	.46	.75	.0011	.0019	18	5	10,000	1	90	.042
										2	24/28	.136
										3	12	.315
										4	6	.630

ECA SERIES

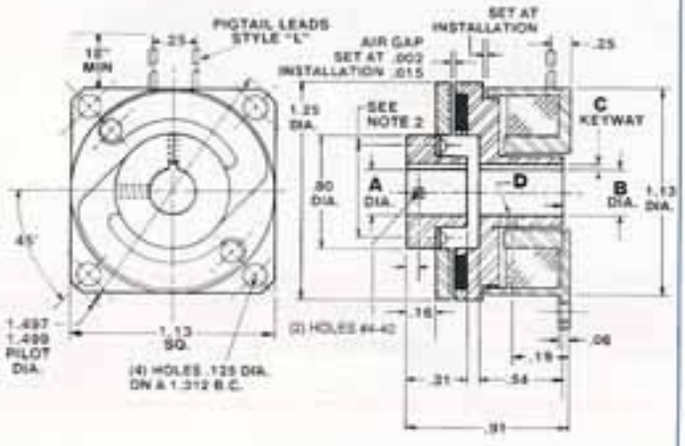


ECA-11CC



MODEL NO.	A	B	C	D
ECA-11CC-3	.1875 .1885	.1875 .1885	NONE	#4-40 SET SCREW
ECA-11CC-4	.250 .251	.250 .251	1/16 X 1/32	#4-40 SET SCREW

ECA-12CC



MODEL NO.	A	B	C	D
ECA-12CC-4	.250 .251	.250 .251	1/16 X 1/32	.062 .065 DIA.
ECA-12CC-5	.3125 .3135	.3125 .3135	NONE	.062 .065 DIA.

ECA-11CC-12CC NOTES:

1. Rotor and armature are secured to shafts by (2) set screws (see D) or .062 dia. pilot hole and key (see C). Woodruff keys are recommended.
2. (2) holes $^{.046}_{.049}$ dia. 180° apart on a .500 ± .002 B.C. use #00 x 1/8 long, type "U" drive screw to secure return spring to customer part where standard hub is not used.

CUSTOMER SHALL MAINTAIN:

Concentricity of field mounting pilot with shafts within .003 T.I.R.

Squareness of stationary field mounting face with shafts within .003 T.I.R. measured at 1.312 B.C.

Axial dimensions $^{.002}_{.015}$ and $^{.010}_{.020}$ to control proper clearances.

Concentricity between armature shaft and rotor shaft within .003 T.I.R.

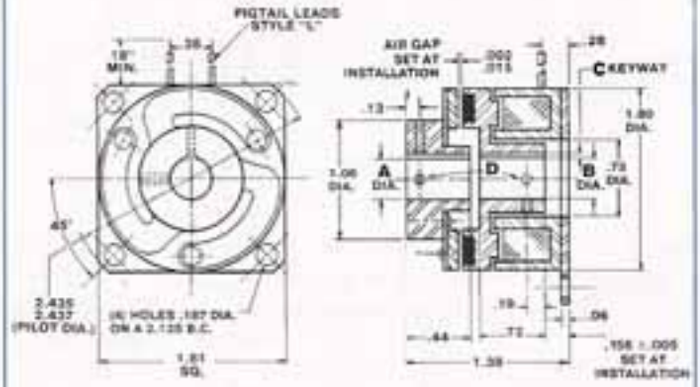
TECHNICAL DATA

MECHANICAL										ELECTRICAL		
		WEIGHT (OZ.)			INERTIA (LB-IN²)					(APPLIES TO BOTH MODELS)		
MODEL NO.	RATED STATIC TORQUE (IN-LB)	ARMATURE ASSEMBLY	ROTOR ASSEMBLY	FIELD ASSEMBLY	ARMATURE ASSEMBLY	ROTOR ASSEMBLY	RESPONSE TIME (MSEC)	LIFE AT RATED TORQUE (MILLION CYCLES)	MAXIMUM RATED SPEED (RPM)	COIL NO.	RATED VOLTAGE (VDC)	CURRENT (AMPS)
ECA-11CC	2½	.46	.55	1.2	.0035	.0069	20	5	10,000	1	90	.050
										2	24/28	.160
ECA-12CC	5	.61	.75	1.5	.004	.0076	22	5	10,000	3	12	.375
										4	6	.750

ECA SERIES

ECA-17CC





MODEL NO.	A	B	C	D
ECA-17CC-4	.250 .251	.250 .251	1/32 X 1/16	#6-32 SET SCREW
ECA-17CC-5	.3125 .3135	.3125 .3135	1/32 X 1/16	#6-32 SET SCREW
ECA-17CC-6	.375 .376	.375 .376	3/64 X 3/32	#6-32 SET SCREW

ECA-17CC NOTE:

Rotor and armature are secured to shafts by (4) set screws and (2) keys (see C and D).

CUSTOMER SHALL MAINTAIN:

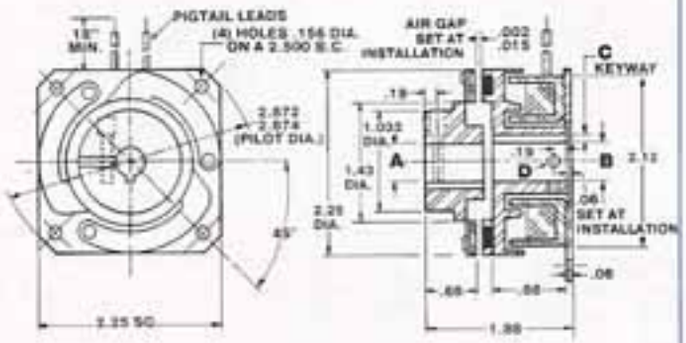
Surface of pilot mounting to be square with shafts within .003 T.I.R. measured at 2.125 B.C.

Pilot diameters for field mounting shall be concentric with shafts within .003 T.I.R.

Initial setting of $\frac{.002}{.015}$ inch air gap between friction surfaces.

ECA-22CC





MODEL NO.	A	B	C	D
ECA-22CC-6	.375 .376	.375 .376	3/64 X 3/32	#8-32 SET SCREW
ECA-22CC-8	.500 .501	.500 .501	1/16 X 1/8	#8-32 SET SCREW

ECA-22CC NOTES:

1. Rotor is secured to shaft by (2) set scews and key (see C and D).
2. Armature is secured to shaft by clamp-lock split hub.

CUSTOMER SHALL MAINTAIN:

Field assembly pilot diameter to be concentric with shafts within .005 T.I.R.

Surface of pilot mounting to be square with shaft within .003 T.I.R. measured at 2.500 B.C.

Concentricity between shafts within .003 T.I.R.

Initial setting of $\frac{.002}{.015}$ inch air gap between friction surfaces.

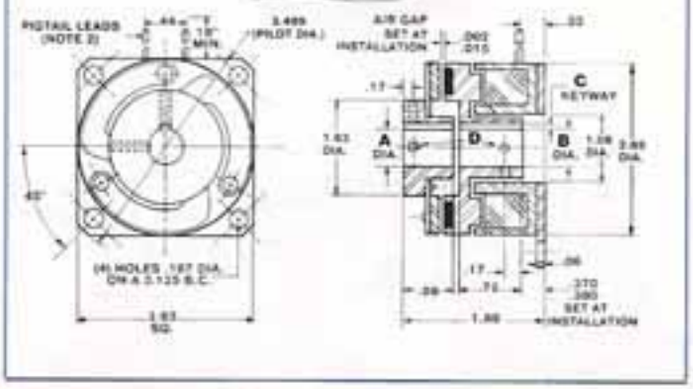
TECHNICAL DATA

MECHANICAL										ELECTRICAL		
		WEIGHT (LBS.)			INERTIA (LB-IN²)							
MODEL NO.	RATED STATIC TORQUE (IN-LB)	ARMATURE ASSEMBLY	ROTOR ASSEMBLY	FIELD ASSEMBLY	ARMATURE ASSEMBLY	ROTOR ASSEMBLY	RESPONSE TIME (MSEC)	LIFE AT RATED TORQUE (MILLION CYCLES)	MAXIMUM RATED SPEED (RPM)	COIL NO.	RATED VOLTAGE (VDC)	CURRENT (AMPS)
ECA-17CC	15	.117	.163	.248	.068	.0526	32	3	10,000	1	90	.077
										2	24/28	.250
										3	12	.582
										4	6	1.200
ECA-22CC	35	.259	.201	.624	.202	.220	38	3	7,500	1	90	.090
										2	24/28	.253
										3	12	.668
										4	6	1.335

ECA SERIES

ECA-26CC





MODEL NO.	A	B	C	D
ECA-26CC-6	.375 .376	.375 .376	3/64 X 3/32	#10-32 SET SCREW
ECA-26CC-8	.500 .501	.500 .501	1/16 X 1/8	#10-32 SET SCREW
ECA-26CC-10	.625 .626	.625 .626	1/16 X 3/16	#10-32 SET SCREW
ECA-26CC-12-10	.750 .751	.625 .626	FLAT KEYWAY	#10-32 SET SCREW

ECA-26CC NOTES:

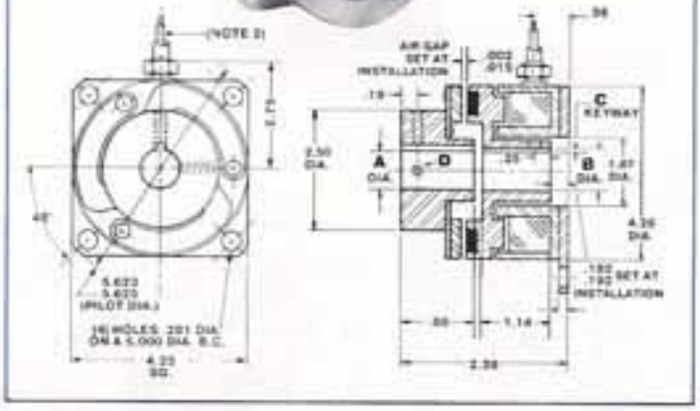
1. Rotor and armature are secured to shafts by (4) set screws and (2) keys (see C and D).
2. "L" Style shown. Terminal style also available...specify "T" Style. "T" Style provides female threads for #4-40 screw (screws and rubber insulators are supplied when specifying "T" Style).

CUSTOMER SHALL MAINTAIN:

Concentricity of field mounting pilot diameter with rotor mounting shaft within .005 T.I.R.
Squareness of field mounting face with shafts within .003 T.I.R.
Concentricity between shafts within .005 T.I.R.
Initial setting of $^{.002}_{.015}$ air gap between friction face.

ECA-42CC





MODEL NO.	A	B	C	D
ECA-42CC-8	.500 .501	.500 .501	1/16 X 1/8	#1/4-20 SET SCREW
ECA-42CC-10	.625 .626	.625 .626	3/32 X 3/16	#1/4-20 SET SCREW
ECA-42CC-12	.750 .751	.750 .751	3/32 X 3/16	#1/4-20 SET SCREW
ECA-42CC-14	.875 .876	.875 .876	3/32 X 3/16	#1/4-20 SET SCREW
ECA-42CC-16	1.000 1.001	1.000 1.001	1/8 X 1/4	#1/4-20 SET SCREW

ECA-42CC NOTES:

1. Rotor and armature are secured to shafts by (4) set screws and (2) keys (see C and D).
2. "H" Style shown. unit is available with terminals (Style "T") or 18" long pigtail leads (Style "L") specify "H," "T" or "L" when ordering.

CUSTOMER SHALL MAINTAIN:

Concentricity of field mounting pilot diameter with rotor mounting shaft within .003 T.I.R.
Squareness of field mounting pilot diameter with rotor shaft within .003 T.I.R.
Armature shaft and rotor shaft to be concentric within .005 T.I.R.

TECHNICAL DATA

MECHANICAL									ELECTRICAL		
		WEIGHT (LBS.)			INERTIA (LB-IN²)						
MODEL NO.	RATED STATIC TORQUE (IN-LB)	ARMATURE ASSEMBLY	ROTOR ASSEMBLY	FIELD ASSEMBLY	ARMATURE ASSEMBLY	ROTOR ASSEMBLY	RESPONSE TIME (MSEC)	LIFE AT RATED TORQUE (MILLION CYCLES)	MAXIMUM RATED SPEED (RPM)	COIL NO.	RATED VOLTAGE (VDC)	CURRENT (AMPS)
ECA-26CC	75	.40	.24	1.00	.33	.40	42	3	7,500	1	90	.090
										2	24/28	.290
										3	12	.680
										4	6	1.360
ECA-42CC	240	1.40	1.38	2.00	2.77	2.75	90	1½	5,000	1	90	.130
										2	24/28	.410
										3	12	.960
										4	6	1.920

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