

DL SERIES - A MODEL

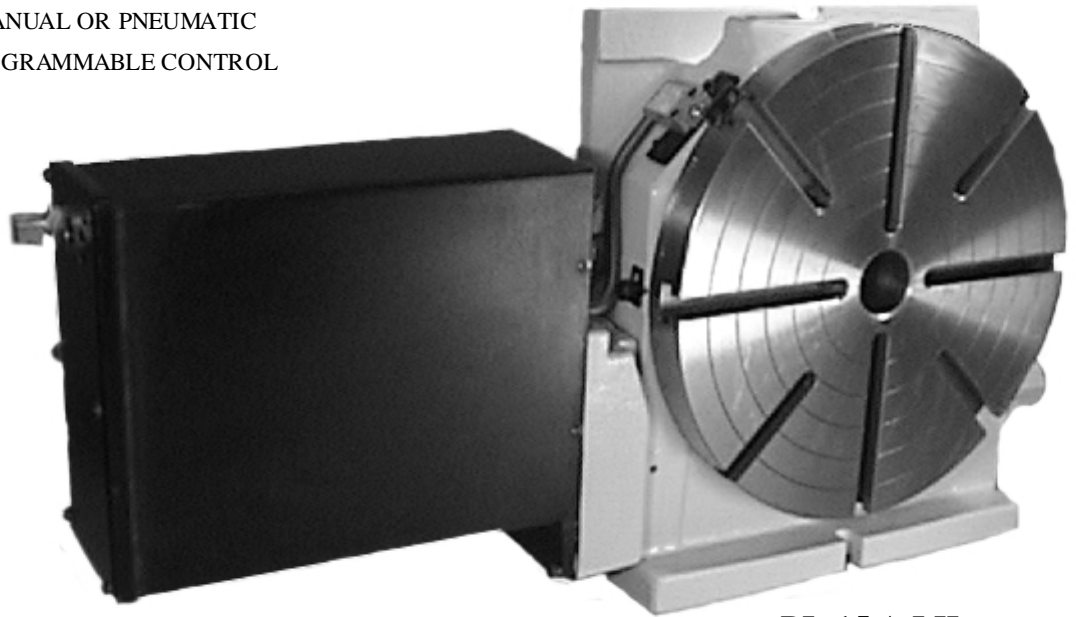
HORIZONTAL OR VERTICAL MOUNT

STANDARD FEATURES:

- DUAL LEAD WORMSET ALLOWS FOR SIMPLE BACKLASH ADJUSTMENT
- TIN-BRONZE WORMWHEEL MESHING WITH A HARDENED AND GROUND STEEL-ALLOY WORMSHAFT RUNNING IN A BATH OF OIL
- HIGH PRECISION SPINDLE BEARINGS
- TURCITE BEARING SURFACE
- INTERNAL PNEUMATIC BRAKE
- PRECISION GROUND SURFACES
- ZERO RETURN / HOME SWITCH

OPTIONAL FEATURES:

- CHUCK - MANUAL OR PNEUMATIC
- COLLET FIXTURE - MANUAL OR PNEUMATIC
- TAILSTOCK - MANUAL OR PNEUMATIC
- SINGLE AXIS PROGRAMMABLE CONTROL



DL-15-A-LH

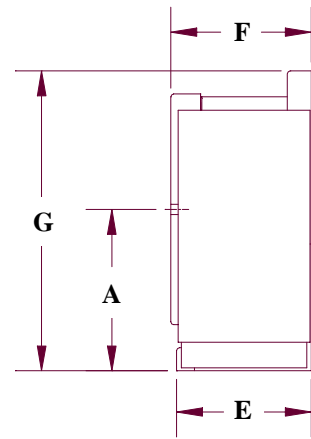
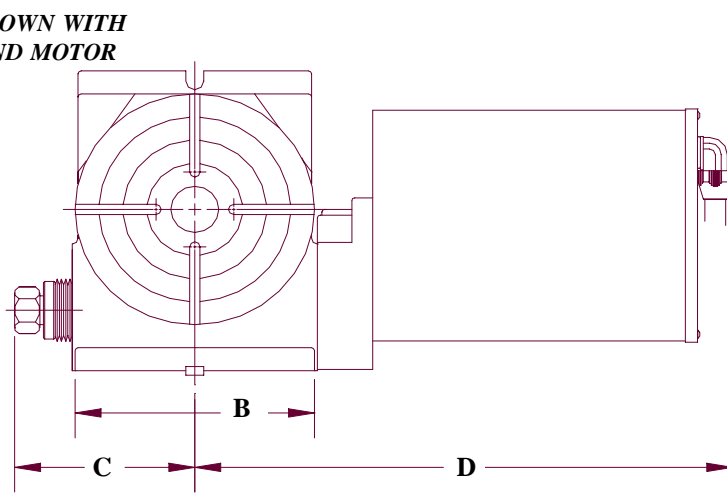
CUSTOM SPECIFIED FEATURES:

- RIGHT HAND OR LEFT HAND MOTOR MOUNT POSITIONS
- OVERSIZE CENTER THRU HOLES
- DIRECT SPINDLE MOUNT POSITION FEEDBACK (HEIDENHAIN OR INDUCTOSYN)

TROYKE MFG. CO. - CINCINNATI, OH PHONE - 01.513.769.4242 FAX - 01.513.769.6362 WEB SITE - TROYKE.COM

A MODEL

DL-10-A SHOWN WITH
RIGHT HAND MOTOR



* LENGTH MAY VARY DEPENDENT UPON SERVO MOTOR

** CANNOT BE MOUNTED HORIZONTALLY

NOTE: ALL DIMENSIONS IN [.....] ARE METRIC UNITS

MODEL	A	B	C	D	E	F	G
DL-6.5-A	5.118 [130.0]	7.50 [191]	5.25 [133]	19.38 [492]	5.50 [140]	N/A	11.81 [300]
DL-9-A	6.375 [161.9]	9.50 [241]	6.43 [163]	20.37 [517]	5.00 [127]	3.81 [97]	11.31 [287]
DL-10-A	7.000 [177.8]	10.25 [260]	7.56 [192]	22.50 [517]	5.62 [143]	5.87 [149]	13.00 [330]
DL-12-A	8.500 [215.9]	12.00 [305]	8.56 [217]	23.50 [596]	6.00 [152]	6.18 [157]	15.00 [381]
DL-15-A	10.000 [254.0]	14.87 [378]	10.00 [254]	25.56 [649]	6.00 [152]	6.18 [157]	18.00 [457]
DL-20-A	12.000 [304.8]	21.00 [533]	13.06 [332]	25.25 [641]	7.87 [200]	7.93 [201]	21.87 [556]
DL-25-A	14.750 [374.6]	21.00 [533]	13.06 [332]	25.25 [641]	7.87 [200]	7.93 [201]	27.38 [695]

SPECIFICATIONS

MODEL	DL-6.5-A	DL-9-A	DL-10-A	DL-12-A	DL-15-A	DL-20/25-A
TURNTABLE DIAMETER	5.118 [130.0]	9.00 [229]	10.00 [254]	12.00 [304]	15.00 [381]	20.00 [508]
STANDARD THRU HOLE DIA	1.181 [30.0]	1.000 [25.4]	1.968 [50.0]	1.968 [50.0]	1.968 [50.0]	1.500 [38.1]
OVERSIZE THRU HOLE DIA	N/A	N/A	3.000 [76.2]	4.125 [104.8]	4.125 [104.8]	10.25 [260.4]
MAXIMUM THRU HOLE DIA	N/A	N/A	4.500 [114.3]	6.100 [154]	6.000 [152.4]	12.50 [317.5]
HORIZONTAL LOAD CAPACITY	N/A	150 [68]	800 [363]	800 [363]	800 [363]	4000 [1818]
VERTICAL LOAD CAPACITY	75 [34]	100 [45]	300 [136]	300 [136]	300 [136]	2000 [909]
FACEPLATE T-SLOT WIDTH	.47 [12] X 4	.47 [12] X 4	.47 [12] X 4	.47 [12] X 8	.47 [12] X 8	.56 [14.2] X 8
STANDARD TOTAL GEAR RATIO	90:1	180:1	180:1	180:1	180:1	180:1
ALTERNATE TOTAL GEAR RATIO	120:1	360:1	360:1	360:1	360:1	360:1
MAX SPEED RANGE (STD RATIO)	0-22 RPM	0-10 RPM	0-10 RPM	0-10 RPM	0-10 RPM	0-10 RPM
STD. CONT. TORQUE LBS-FT [NM]	94 [127]	187 [254]	375 [508]	375 [508]	375 [508]	750 [1017]
BRAKE METHOD	PNEUMATIC	PNEUMATIC	PNEUMATIC	PNEUMATIC	PNEUMATIC	PNEUMATIC
BRAKE TORQUE @ 100PSI LBS-FT [NM]	125 [169]	125 [169]	300 [407]	345 [468]	345 [468]	800 [1085]
PROGRAMMABLE RESOLUTION	.001 DEG.	.001 DEG.	.001 DEG.	.001 DEG.	.001 DEG.	.001 DEG.
STD. TOTAL ANGULAR ACCURACY	60 SEC.	30 SEC.	30 SEC.	30 SEC.	30 SEC.	20 SEC.
STANDARD REPEATABILITY	10 SEC.	10 SEC.	10 SEC.	10 SEC.	10 SEC.	5 SEC.
OPT. (H OR I) ANGLR. ACCURACY	+/- 5	+/- 5	+/-5 +/-3.6	+/-5 +/-3.6	+/-5 +/-3.6	+/-5 +/-3.6
OPTIONAL (H OR I) REPEATABILITY	+/- 2	+/- 2	+/-2 +/-1	+/-2 +/-1	+/-2 +/-1	+/-2 +/-1
UNIT WEIGHT	109 [49]	144 [65]	205 [92]	253 [114]	347 [156]	690 [310]
SHIP WEIGHT	159 [72]	194 [87]	255 [115]	303 [136]	397 [179]	825 [371]