

DL SERIES - C 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



DL-15-C-LH

OPTIONAL FEATURES:

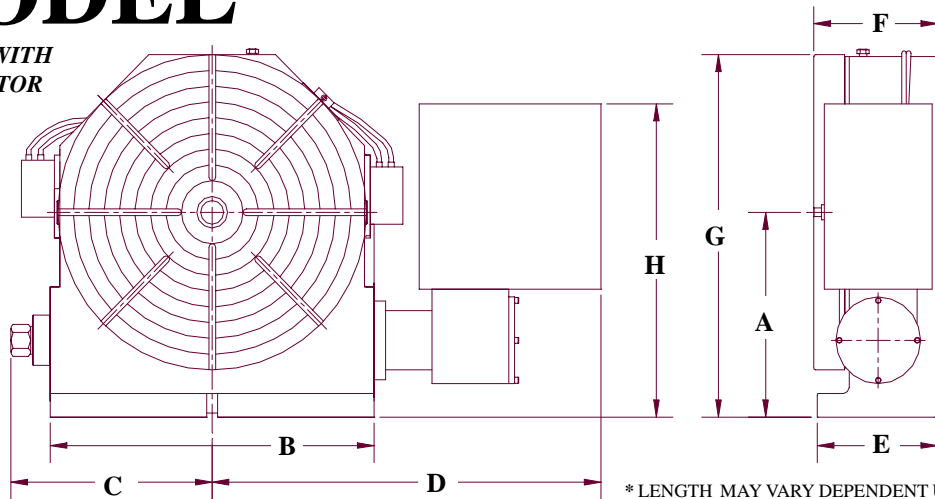
- CHUCK - MANUAL OR PNEUMATIC
- COLLET FIXTURE - MANUAL OR PNEUMATIC
- TAILSTOCK - MANUAL OR PNEUMATIC
- SINGLE AXIS PROGRAMMABLE CONTROL

CUSTOM SPECIFIED FEATURES:

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

C MODEL

DL-20-C SHOWN WITH
RIGHT HAND MOTOR



* LENGTH MAY VARY DEPENDENT UPON SERVO MOTOR USED
NOTE: ALL DIMENSIONS IN [.....] ARE METRIC UNITS

MODEL	A	B	C	D	E*	F	G	H
DL-6.5-C	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
DL-9-C	6.375 [161.9]	9.50 [241]	6.43 [163]	15.00 [381]	3.93 [100]	5.25 [133]	11.31 [287]	19.87 [504]
DL-10-C	7.000 [177.8]	10.25 [248]	7.25 [184]	15.50 [393]	5.62 [184]	5.87 [348]	13.00 [318]	21.50 [546]
DL-12-C	8.500 [215.9]	12.00 [305]	8.50 [216]	16.50 [419]	6.00 [152]	7.50 [191]	16.18 [376]	21.50 [546]
DL-15-C	10.000 [254.0]	14.87 [378]	10.00 [254]	18.00 [457]	6.00 [152]	6.18 [157]	18.00 [457]	22.50 [571]
DL-20-C	13.000 [330.0]	21.00 [533]	13.06 [332]	31.75 [806]	7.87 [200]	7.93 [201]	21.87 [556]	18.87 [479]
DL-25-C	15.750 [400.0]	21.00 [533]	13.06 [332]	31.75 [806]	7.87 [200]	7.93 [201]	27.38 [695]	21.63 [549]

SPECIFICATIONS

MODEL	DL-6.5-C	DL-9-C	DL-10-C	DL-12-C	DL-15-C	DL-20/25-C
TURNTABLE DIAMETER [MM]	N/A	9.00 [229]	10.00 [254]	12.00 [304]	15.00 [381]	20.00 [508]
STANDARD THRU HOLE DIA [MM]	N/A	1.000 [25.4]	1.968 [50.0]	1.968 [50.0]	1.968 [50.0]	2.000 [50.8]
OVERSIZE THRU HOLE DIA [MM]	N/A	N/A	3.000 [76.2]	4.125 [104.8]	4.125 [104.8]	10.250 [260.4]
MAXIMUM THRU HOLE DIA [MM]	N/A	N/A	4.500 [143.0]	6.100 [154]	6.000 [152.4]	12.500 [317.5]
HORIZONTAL LOAD CAPACITY [KG]	N/A	150 [68]	800 [363]	800 [363]	800 [363]	4000 [181]
VERTICAL LOAD CAPACITY [KG]	N/A	100 [45]	300 [136]	300 [136]	300 [136]	2000 [909]
FACEPLATE T-SLOT WIDTH [MM]	N/A	.47 [12] X 4	.47 [12] X 4	.47 [12] X 8	.63 [16] X 8	.56 [14.2] X 8
STANDARD TOTAL GEAR RATIO	N/A	240:1	180:1	240:1	240:1	180:1
ALTERNATE TOTAL GEAR RATIO	N/A	N/A	270:1	N/A	N/A	240:1
MAX. SPEED RANGE (STD RATIO)	N/A	0-8 RPM	0-10 RPM	0-8 RPM	0-8 RPM	0-10 RPM
STD. CON. TORQUE LBS-FT [NM]	N/A	250 [339]	375 [508]	500 [678]	375 [508]	1000 [1355]
BRAKE METHOD	N/A	PNEUMATIC	PNEUMATIC	PNEUMATIC	PNEUMATIC	PNEUMATIC
BRAKE TORQUE LBS-FT [NM]	N/A	125 [169]	300 [407]	345 [468]	345 [468]	800 [1085]
PROGRAMMABLE RESOLUTION	N/A	.001 DEG.	.001 DEG.	.001 DEG.	.001 DEG.	.001 DEG.
STD. TOTAL ANGULAR ACCURACY	N/A	30 SEC.	30 SEC.	30 SEC.	30 SEC.	20 SEC.
STD. REPEATABILITY	N/A	10 SEC.	10 SEC.	10 SEC.	10 SEC.	5 SEC.
OPT. (H OR I) ANGLR. ACCURACY	N/A	+/-5	+/-5 +/-3.6	+/-5 +/-3.6	+/-5 +/-3.6	+/-5 +/-3.6
OPT. (H OR I) REPEATABILITY	N/A	+/-2	+/-2 +/-1	+/-2 +/-1	+/-2 +/-1	+/-2 +/-1
UNIT WEIGHT LBS [KG]	N/A	154 [69]	215 [97]	263 [118]	357 [161]	715 [322]
SHIP WEIGHT LBS [KG]	N/A	204 [92]	265 [119]	313 [141]	407 [183]	840 [378]