



PNEUMATIC ROTATING CYLINDERS-CP



GMT pneumatic rotating cylinder actuates the gripping jaws of a power-operated chuck. The chuck is mounted on the spindle nose of the lathe. The cylinder is mounted on the rear side of the spindle.

Compressed air under pressure is fed on to a piston through a stationary distributor. The piston moves the drawbar, or the rod attached to it, axially. This axial movement can be utilized for operating the chuck or the fixtures.

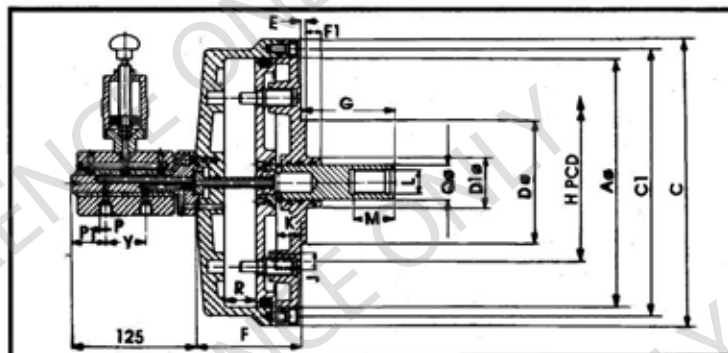
The body of the GMT pneumatic cylinder is made of

aluminium alloy of high quality, is light, and is specially treated to take large loads.

The Piston is made from medium carbon steel and toughened.

The distributor housing of pneumatic cylinder is made from aluminium alloy. The distributor shaft rotates inside a bronze bush, which is press fitted.

Lubrication is provided by a grease lubricator, which is for lubricating the shaft of the distributor and also to act as a seal to prevent air leakage.



DIMENSIONAL SPECIFICATIONS (All dimensions are in mm)

Model	19-03	19-04	19-02	19-01
Size Ø	130	160	200	250
A Ø	130	160	200	250
C	160	198	240	287
C1	140	180	218	268
D Ø h6	65	75	85	125
D1 Ø	-	55	55	50
E	5	5	5	5
F	103	104	104	105
F1	-	15	15	15
G min	62	62	62	62
G max	94	94	94	94
H (PCD)	88	100	130	170
J	3xM12	4xM12	6XM12	6XM16
K	20	26	26	26
L	M12	M24	M24	M24
M	40	40	40	40
P (BSP)	1/4 "	1/4 "	1/4 "	1/4 "
P1	34.5	34.5	34.5	34.5
Q Ø	20	35	35	35
R Stroke	32	32	32	32
Y	40	40	40	40
Drawbar pull in Kgf at 7kg / cm ²	900	1340	2130	3370
Weight in kgs (approx)	6	9	12	16
RPM Max	1800	1800	1800	1800



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