

HOLLOW HIGH SPEED HYDRAULIC ROTATING CYLINDERS OCHNC / OCHNC – S

The make Hollow High Speed Hydraulic Rotating Cylinders are designed for actuating the high speed chucks on CNC lathes. The design of the cylinder is such that the distributor shaft rotates on special ball bearings with controlled lubrication. The special bearings facilitate the cylinder to be started at very high speed.



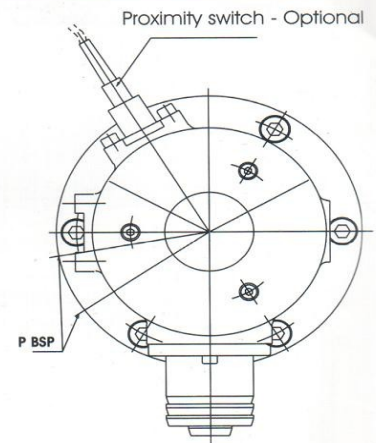
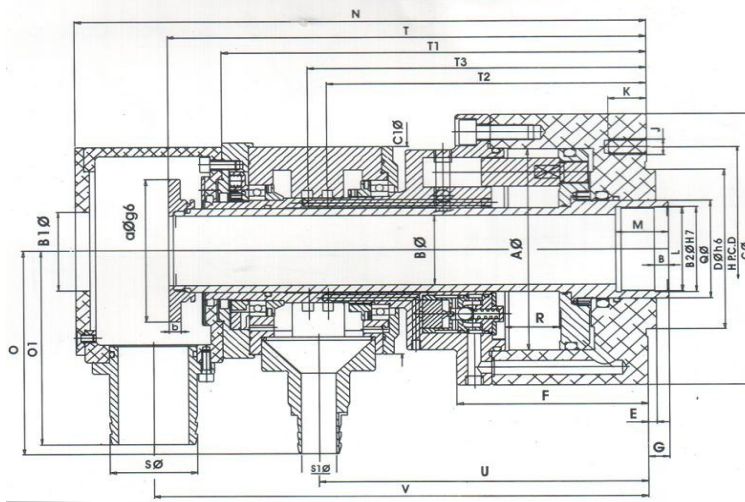
The make Hollow High Speed Hydraulic Rotating Cylinders have safety valve which ensures that the chucking pressure is maintained in case of sudden drop in the hydraulic oil supply because of power failure or bursting of hydraulic hoses.

The body of the make Hollow Hydraulic Rotating Cylinder is made from aluminium alloy casting. The piston is made from medium carbon steel which is heat treated, chromium plated and ground.

The stroke control monitors the safe operating chucking stroke with the aid of two proximity switches. Both proximity switches are adjustable. Proximity switches are optional.

A coolant cover at the back of the cylinder collects the coolant, when the machine is in operation. The coolant is directed to flow through the hollow piston and expelled through a coolant outlet line by gravity.

HOLLOW HIGH SPEED HYDRAULIC ROTATING CYLINDERS WITH SAFETY - OCHNC-S



Dimensional Specification

Model	22-93	22-94	22-95	22-96	22-97
SIZE Ø	100	130	150	170	200
A Ø	100	130	150	170	200
B Ø	27	45	56	68	86
B1 Ø	52	50	61	73	91
B2 Ø H7	34.5	55	65	79	95
C Ø	145	175	195	215	245
C1 Ø	116	134	144	164	200
D Ø h6	70	103	130	155	145
E	5	5	5	5	5
F	92	103.5	106.5	125	136
G max.	11	12	12	14	20
G min.	-9	-13	-13	-21	-15
H PCD	105	132	170	180	204
J	6 x M8	6 x M10	6 x M10	6 x M12	8 x M12
K	18	22	24	26	26
L	M34 x 1.5	M54 x 1.5	M64 x 1.5	M78 x 1.5	M94 x 1.5
M	30	30	30	35	35
N	289.5	321	323	358.5	376
O	123	134.5	139.5	154	175
O1	119	117	130	141.5	157
P BSP	3/8"	3/8"	3/8"	3/8"	3/8"
Q Ø	40	63	75	85	104
R Stroke	20	25	25	35	45
S Ø	38	50	50	50	60
S1 Ø	25	25	25	25	25
T	251.5	268	270	303.5	311
T1	216.5	237	239	269.5	277
T2	161.5	177	179	203.5	208
T3	178.5	188	189	214.5	220
U	167.5	182.5	184.5	209	214
V	250.5	277	279	311.5	324

a Ø g6	72	92	102	120	150
b	7	7	7	7	7