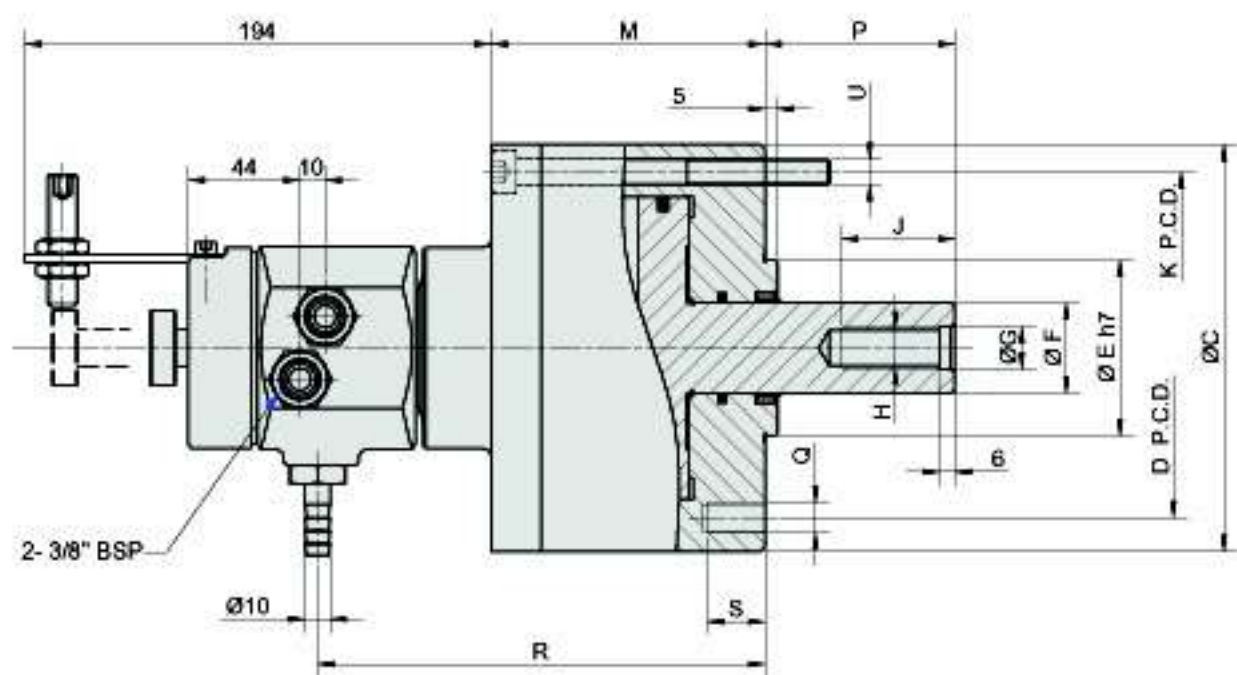




Dimensions

Model	HCHSAL 120	HCHSAL 160	HCHSAL 200
PISTON DIA A	120	160	200
C	162	202	242
D	95	145	170
E	70	95	125
F (h7)	36	36	50
G (H8)	17	25	25
H	M16	M24	M30
J	55	45	60
K	140	180	220
M	109	113	113
P (Max)	75.5	87	78
P (Min)	35.5	38	28
Q	4 x M12	4 x M16	6 x M16
R	186	200	200
S	20	22	22
U	6 x M10	8 x M10	8 x M10

Specifications

Model	HCHSAL 120	HCHSAL 160	HCHSAL 200
Piston Stroke (mm)	40	50	50
Max. Draw Bar Pull in kgf @ 25 kg/cm ²	2570	4575	7600
Max. Draw bar Pull in kgf kg/cm ²	40	40	40
Oil Leakage Rate (Ltr/min)	0.8	0.8	0.8
Max. Speed Rpm	5000	4500	400
Weight (approx) kg	15	18	28

Note: The oil leakage will be reduced if cylinder is used at an operating pressure of 30 kg/cm² at an oil temperature of 50°C.
The information set out in this catalogue is subject to any changes made without its permission. Further changes may be made without giving any notice.

High Speed Hydraulic Cylinder Closed Center - Extra Long Stroke



Closed Centre, Long Stroke

This light weight and compact design hydraulic cylinder made of aluminium alloy not only reduces the weight on the machine spindle but also ensures outstanding stability during high-speed operations with safety non-return valve.

It is the ideal choice for high-speed CNC chucking lathes.

Daily inspection adjustments are avoided to a great extent, because of the high quality cylinder seals and accurately controlled surface finish.

The oil supply system in the distributor housing allows a little oil to leak out, to ensure continuous lubrication of the bearings and avoid heat generation when the cylinder is in running condition.

To ensure higher operational safety, provision to fit proximity can be provided as an option. These cylinders can perform with oil pressure ranging from 3kgs per cm^2 to 40kgs per cm^2 .

High Speed Hydraulic Cylinder Closed Center - Extra Long Stroke