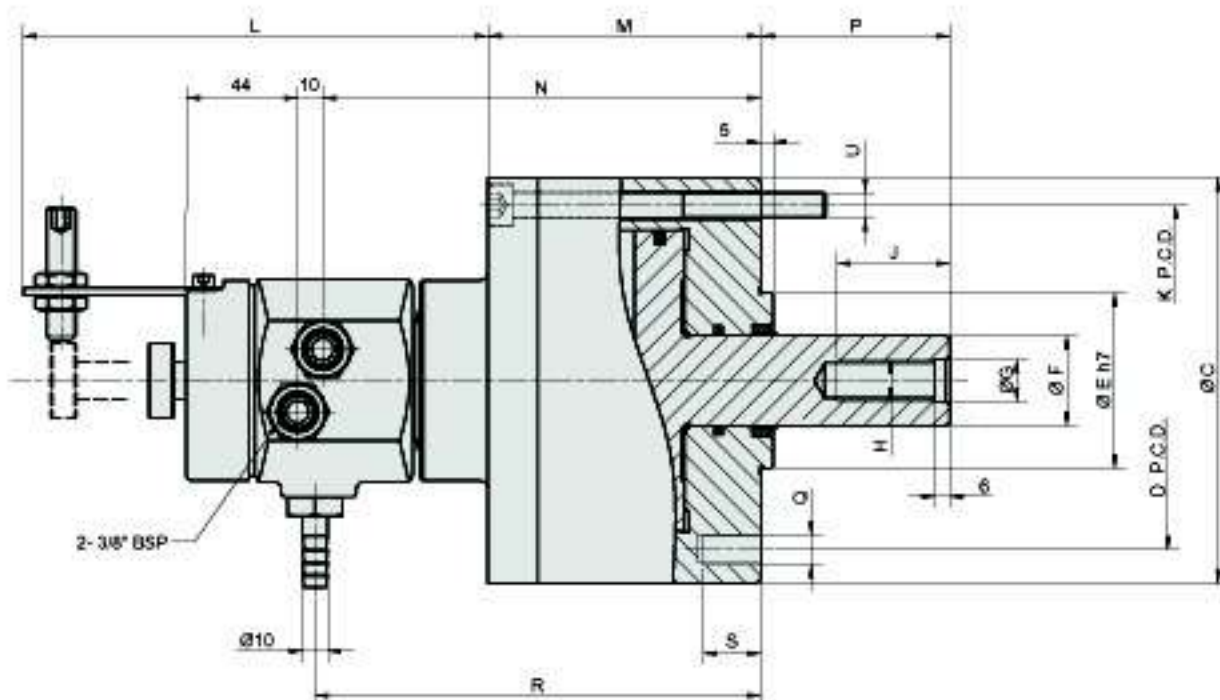




Dimensions

Model	HCHSA 80	HCHSA 90	HCHSA 105	HCHSA 120	HCHSA 160	HCHSA 200	HCHSA 250
PISTON DIA. A	80	90	105	120	160	200	250
STROKE B	32	32	32	32	35	35	45
C	132	132	152	162	202	242	292
D	95	102	120	95	145	170	170
E	80	80	80	70	95	125	125
F (h7)	30	36	36	36	36	50	50
G (H8)	17	17	17	17	25	25	25
H	M16	M16	M16	M16	M24	M30	M30
J	35	35	35	55	45	60	60
K	110	110	130	140	180	220	270
L	186	186	186	186	186	186	198
M	105	105	105	109	113	113	123
N	171	171	171	175	179	179	190
P (Max)	44	44	45	75.5	87	78	78
P (Min)	12	12	13	43.5	52	43	33
Q	4 x M8	4 x M8	6 x M12	4 x M12	4 x M16	6 x M16	6 x M16
R	172.5	172.5	172.5	178	182	182	192
S	20	20	20	20	22	22	22
U	6 x M10	6 x M10	6 x M10	6 x M10	8 x M10	8 x M10	8 x M10

Specifications

Model		HCHSA 80	HCHSA 90	HCHSA 105	HCHSA 120	HCHSA 160	HCHSA 200	HCHSA 250
Draw bar pull in kgf	@ 25 kg/cm ²	1075	1335	1915	2575	4575	7605	9000
Max. Speed	Rpm	5500	5500	5500	5500	5000	4500	3500
Max. Operating pressure	kg/cm ²	40	40	40	40	40	40	40
Oil leakage rate	Lts/min	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Approx. Weight	kg	9	9.5	11	13	17.5	22.5	32.5

*Note: This oil leakage test is reached if cylinder is used at an operating pressure of 30 kg/cm² at an oil temperature of 50°C.
The manufacturer will not be responsible for any leakage caused by any changes made after the publication. Further changes may be made without giving any notice.*