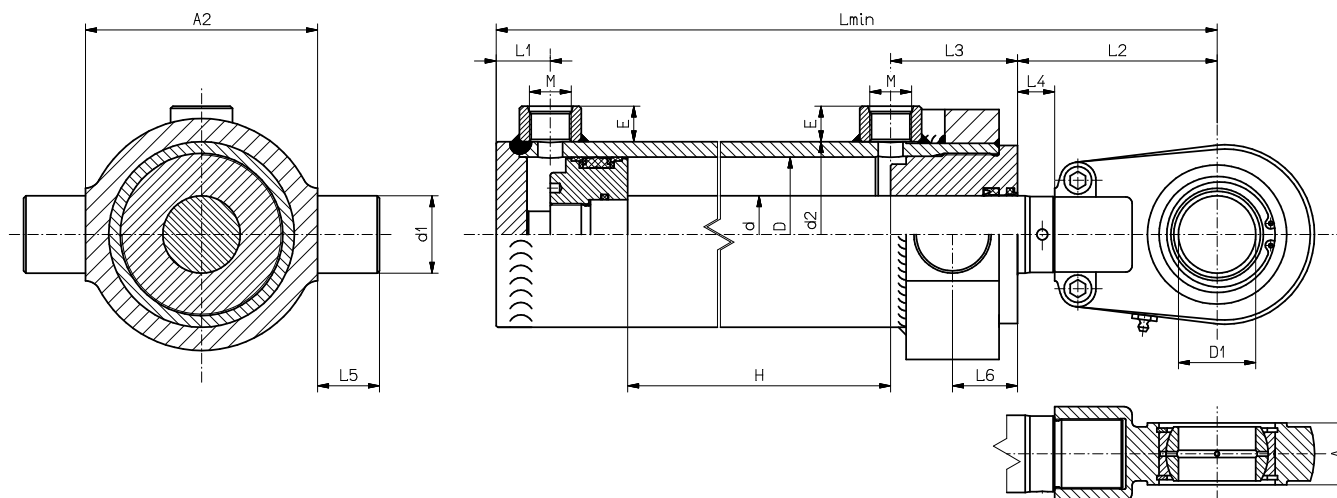


Hydraulic cylinder with single-end piston rod mounted on side pins **SHJ3**.



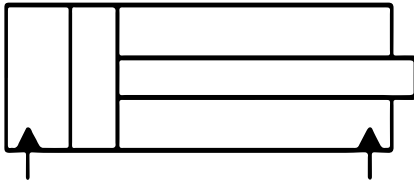
D	d	D1	d1	d2	Lmin	L1	L2	L3	L4	L5	L6	A1	A2	M'	E'	M''	E''
40	22	25	25	50	H + 185	30	70	40	20	16	33	19	65	M16x1,5	18	G1/4"	16
50	28	30	30	65	H + 193	33	70	45	20	20	33	23	75	M16x1,5	18	G3/8"	17
63	36	35	35	75	H + 213	36	80	52	20	25	35	28	95	M22x1,5	18	G1/2"	18
80	40	40	40	95	H + 240	37	90	63	20	31	36	30	120	M22x1,5	18	G1/2"	18
	45	40	40	95	H + 240	37	90	63	20	31	36	30	120	M22x1,5	18	G1/2"	18
100	50	50	50	120	H + 311	50	129	82	24	40	42	40	150	M27x2	23	G3/4"	20
	60	50	50	120	H + 311	50	129	82	24	40	42	40	150	M27x2	23	G3/4"	20
110	60	55	55	130	H + 311	50	129	82	24	50	45	40	160	M27x2	23	G3/4"	20
	70	55	55	130	H + 311	50	129	82	24	50	45	40	160	M27x2	23	G3/4"	20
125	70	60	60	145	H + 346	50	154	82	24	100	52	50	185	M27x2	23	G3/4"	20
	80	60	60	145	H + 346	50	154	82	24	100	52	50	185	M27x2	23	G3/4"	20
140	70	60	60	165	H + 372	56	154	102	24	100	52	50	225	M33x2	27	G1"	25
	80	60	60	165	H + 372	56	154	102	24	100	52	50	225	M33x2	27	G1"	25
160	80	80	80	185	H + 417	61	194	102	24	141	62	60	240	M33x2	27	G1"	25
	90	80	80	185	H + 417	61	194	102	24	141	62	60	240	M33x2	27	G1"	25

CYLINDER DESCRIPTION:

The cylinder with swinging mounting, on the side pins Relatively wide spacing of the cylinder mounting points (side pins) allows to treat such a cylinder as a stabilising element of the kinematic system of the object.

The placement of the side pins closer to the piston rod results in the increase of the strength of the cylinder against buckling without the need to increase the diameter of the piston rod. The cylinders of this type, ended with forged or welded eye, are made for the work in especially difficult conditions in terms of robustness (shock loads).

Hydraulic diagram:



An example of symbols on the Hydraulic cylinder with single-end piston rod with articulated mounting (slide plain bearing in the base of the cylinder), construction type C, with a nominal pressure 16 MPa, with a piston rod diameter 100 mm, piston rod diameter 50 mm, actuator stroke 630 mm, with an extended piston rod by 70 mm, breaking screws of piston from the cylinder base, not regulated from the side of the cylinder head, piston rod ended with screwed-on or screwed-in eye.

Explanation of symbols:

Operating medium	hydraulic oils with a viscosity of 10 - 450 mm² / s
Nominal Pressure	20 MPa
Oil purity class	20/18/15 according to ISO 4406
Operating temperature	-30 to 80 °C
Maximum operating speed	0.5 m/s
Piston rod shell	Technical chrome 25 um +/- 5um (over 20 mm in diameter)

SHJ2 - 16 - 100/50 - 630/70 - u

- Piston hydraulic cylinder with single-end piston rod
- Articulated mount
- Nominal Pressure (MPa)
- Piston diameter (mm)
- Piston rod diameter (mm)
- Piston stroke (mm)
- Piston rod extension (mm)
- End of the piston rod with screw-on or screw-in ear