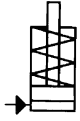


No. 6925

Built-In Cylinder

Single acting, with spring return, max. operating pressure 350 bar.



Order no.	Article no.	Compressive force Vh at 100 bar [kN]	Compressive force Vh at 350 bar [kN]	Stroke C [mm]	Vol. VH [cm ³]	Piston area VH [cm ²]	Weight [g]
67843	6925-18-1	5,08	17,8	12,5	6,4	5,1	304
67868	6925-18-2	5,08	17,8	25,5	13,0	5,1	354
67884	6925-18-3	5,08	17,8	51,0	26,0	5,1	463
67900	6925-40-1	11,40	39,9	12,5	14,2	11,4	644
67926	6925-40-2	11,40	39,9	25,5	29,0	11,4	744

VH = work stroke, RH = back stroke

Design:

Cylinder barrel from steel, hardened and burnished. Piston and piston rod case hardened and ground. Piston rod with internal thread. Wiper at piston rod. Cylinder barrel with metric fine thread for locknut to DIN 70852. Oil supply via threaded port.

Application:

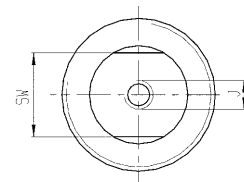
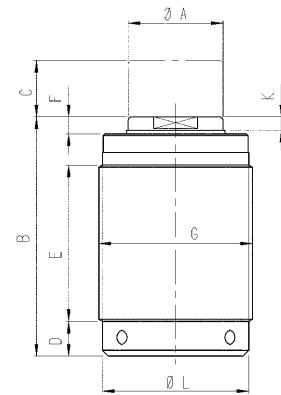
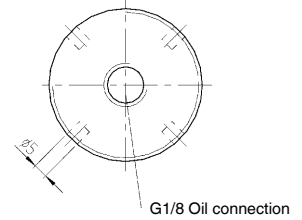
Suitable to convert mechanical fixtures into hydraulic operated. The built-in cylinder can easily be mounted and adjusted into fixture walls by flange nuts. Universal cylinder for clamping, pushing, locking, rivetting and punching.

Features:

The metric thread extending over the whole length of the cylinder permits with its two flange nuts DIN 70852 lengthwise adjustment over a large range. Tapped piston rod end allows the use of individual contact bolts.

Note:

The system has to be completely vented during installation.



Dimensions:

Order no.	Article no.	dia. A	B	D	E	F	G	SW	J x depth	K	dia. L
67843	6925-18-1	20,1	68,0	12,5	39,5	8	M35x1,5	17	M8x11	6,5	30,5
67868	6925-18-2	20,1	80,5	12,5	52,5	8	M35x1,5	17	M8x11	6,5	30,5
67884	6925-18-3	20,1	109,0	12,5	81,0	8	M35x1,5	17	M8x11	6,5	30,5
67900	6925-40-1	28,2	70,0	12,5	39,5	10	M48x1,5	25	M12x13	9,0	45,0
67926	6925-40-2	28,2	83,0	12,5	52,5	10	M48x1,5	25	M12x13	9,0	45,0

Subject to technical alterations.

No. 6925D

Built-In Cylinder

Double-acting,
max. operating pressure 350 bar.



CAD

Order no.	Article no.	Compressive force Vh at 100 bar [kN]	Compressive force Vh at 350 bar [kN]	Compressive force RH at 100 bar [kN]	Compressive force RH at 350 bar [kN]	Stroke C [mm]	Vol. VH [cm ³]	Vol. RH [cm ³]	Piston area VH [cm ²]	Piston area RH [cm ²]	Weight [g]
67942	6925D-18-1	5,08	17,8	1,6	5,9	25,5	13,0	4,4	5,1	1,7	762
67967	6925D-18-2	5,08	17,8	1,6	5,9	51,0	26,0	8,8	5,1	1,7	1061
67983	6925D-40-1	11,40	39,9	5,0	17,5	25,5	29,0	12,7	11,4	5,0	1379
68007	6925D-40-2	11,40	39,9	5,0	17,5	51,0	58,1	25,5	11,4	5,0	1869

VH = work stroke, RH = back stroke

Design:

Cylinder barrel from steel, hardened and burnished. Piston and piston rod case hardened and ground. Piston rod with internal thread. Wiper at piston rod. Cylinder barrel with metric fine thread for locknut to DIN 70852. Oil supply via threaded port.

Application:

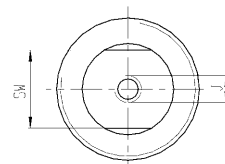
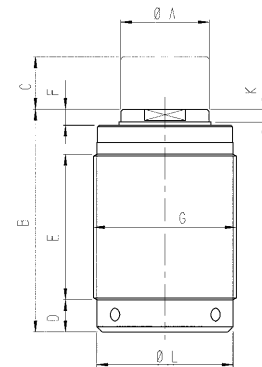
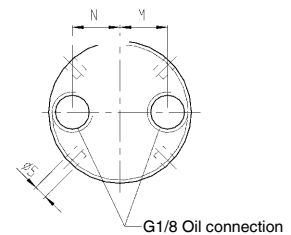
Suitable to convert mechanical fixtures into hydraulic operated. The built-in cylinder can easily be mounted and adjusted into fixture walls by flange nuts. Universal cylinder for clamping, pushing, locking, rivetting and punching.

Features:

The metric thread extending over the whole length of the cylinder permits with its two flange nuts DIN 70852 lengthwise adjustment over a large range. Tapped piston rod end allows the use of individual contact bolts.

Note:

The system has to be completely vented during installation.



Dimensions:

Order no.	Article no.	dia. A	B	D	E	F	G	SW	J x depth	K	dia. L	M	N
67942	6925D-18-1	20,1	80,5	12,5	52,5	8	M48x1,5	17	M8x11	6,5	45,0	14,0	14
67967	6925D-18-2	20,1	109,0	12,5	81,0	8	M48x1,5	17	M8x11	6,5	45,0	14,0	14
67983	6925D-40-1	28,2	82,0	12,5	52,5	10	M65x1,5	25	M12x13	9,0	60,5	20,5	11
68007	6925D-40-2	28,2	111,0	12,5	81,0	10	M65x1,5	25	M12x13	9,0	60,5	20,5	11

Subject to technical alterations.