

**Bloc cilindru hidraulic,
actionare dubla**
INFO
S6460/ ... (VPC ...) 8.84
S6461/ ... (VXP ...) 8.84
S6462/ ... (VCR ...) 8.88
S6463/ ... (VBG ...) 8.92
S6464/ ... (VCN ...) 8.96
**Hydraulic Block Cylinder,
Double Acting**
INFO

Specificatii tehnice:
Technical specifications:

Nr. / No.	S6460	S6461	S6462	S6463	S6464
Presiunea de lucru Operating pressure	bar 160 (200 max.)				
Presiunea de incercare Test pressure	bar 240 max.				
Diametru piston ø Piston	mm 25 - 125	mm 25 - 125	mm 32 - 125	mm 25 - 125	mm 25 - 125
Lichid hidraulic Hydraulic fluids	Ulei mineral hidraulic HM-HL de la 10 pana la 40 mm ² /s la 50 °C, lichide rezistente la flacara, clasa „C” sau „D” Hydraulic mineral oils HM-HL, 10 up to 40 mm ² /s at 50 °C. Flame resistant fluids, class „C” or „D”				
Filtrare Filtration	ISO 17/14 sau mai bun or better				
Temperatura lichidului Fluid temperature	°C Clasa de izolare 1(N): de la -20 pana la +80 °C, Clasa de izolare 6(Viton)(V): pana la +160 °C -20 up to +80 °C, seal class N, +160 °C, seal class V (Viton)				
Viteza piston Piston speed	m/sec max. 0,5				

Fora de impingere [daN]:
Thrust force [daN]:

Diametru piston ø Piston [mm]	Sectiunea transversala Cross section [cm ²]	Presiune / Pressure [bar]					
		90 [daN]	120 [daN]	140 [daN]	160 [daN]	180 [daN]	200 [daN]
25	4,9	441	588	686	784	882	980
32	8,04	723	965	1126	1286	1447	1608
40	12,56	1130	1500	1760	2009	2260	2512
50	19,63	1766	2350	2740	3140	3530	3926
63	31,17	2805	3740	4363	4987	5610	6234
80	50,26	4523	6031	7036	8041	9045	10052
100	78,54	7065	9420	10995	12566	14135	15708
125	122,72	11045	14725	17180	19633	22090	24540

Fora de tragere [daN]:
Pull force [daN]:

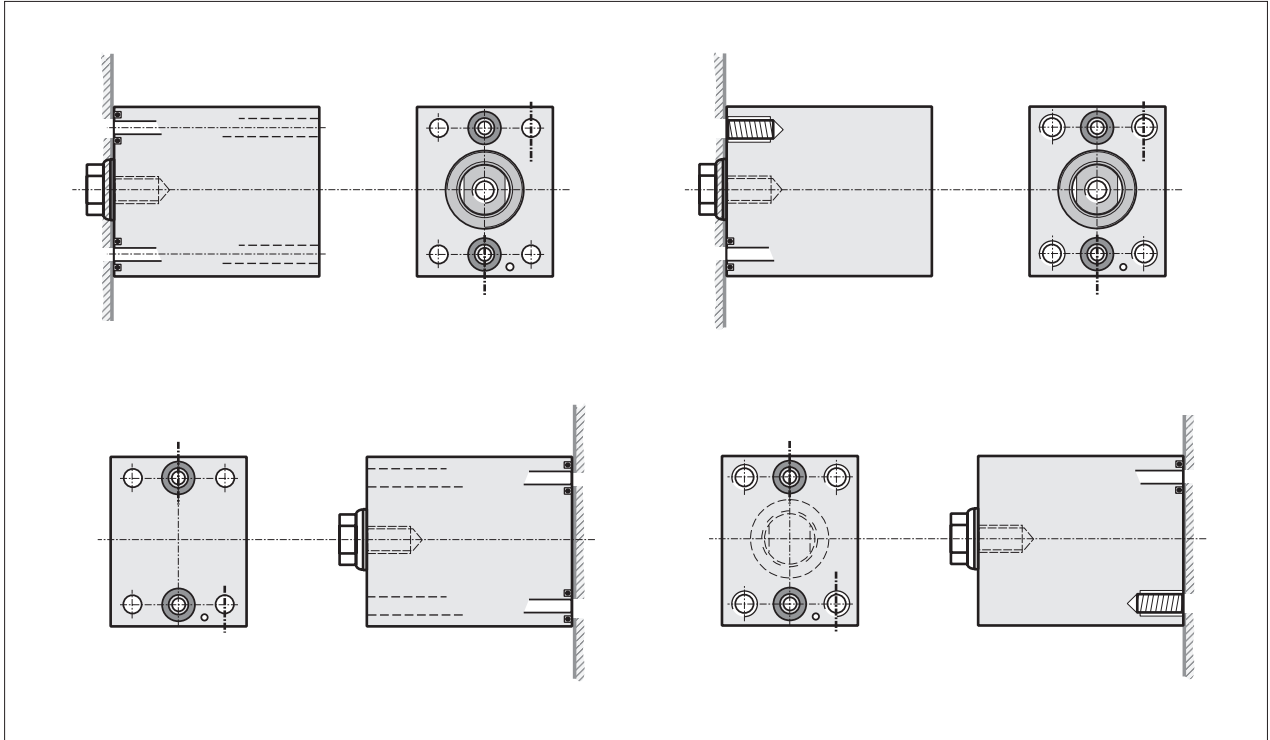
Diametru piston ø Piston [mm]	Diametru tija ø Rod [mm]	Aria inelara Annular area [cm ²]	Presiune / Pressure [bar]					
			90 [daN]	120 [daN]	140 [daN]	160 [daN]	180 [daN]	200 [daN]
25	16	2,9	261	348	406	464	522	580
32	18	5,5	495	660	770	880	990	1100
40	22	8,76	789	1052	1227	1401	1578	1752
50	28	13,48	1213	1617	1888	2156	2425	2696
63	36	20,99	1885	2515	2935	3358	3775	4198
80	45	34,36	3090	4120	4810	5497	6185	6872
100	56	53,91	4850	6465	7545	8625	9700	10782
125	70	84,24	7580	10105	11790	13475	15160	16845

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S6460/ ..., S6461/ ...

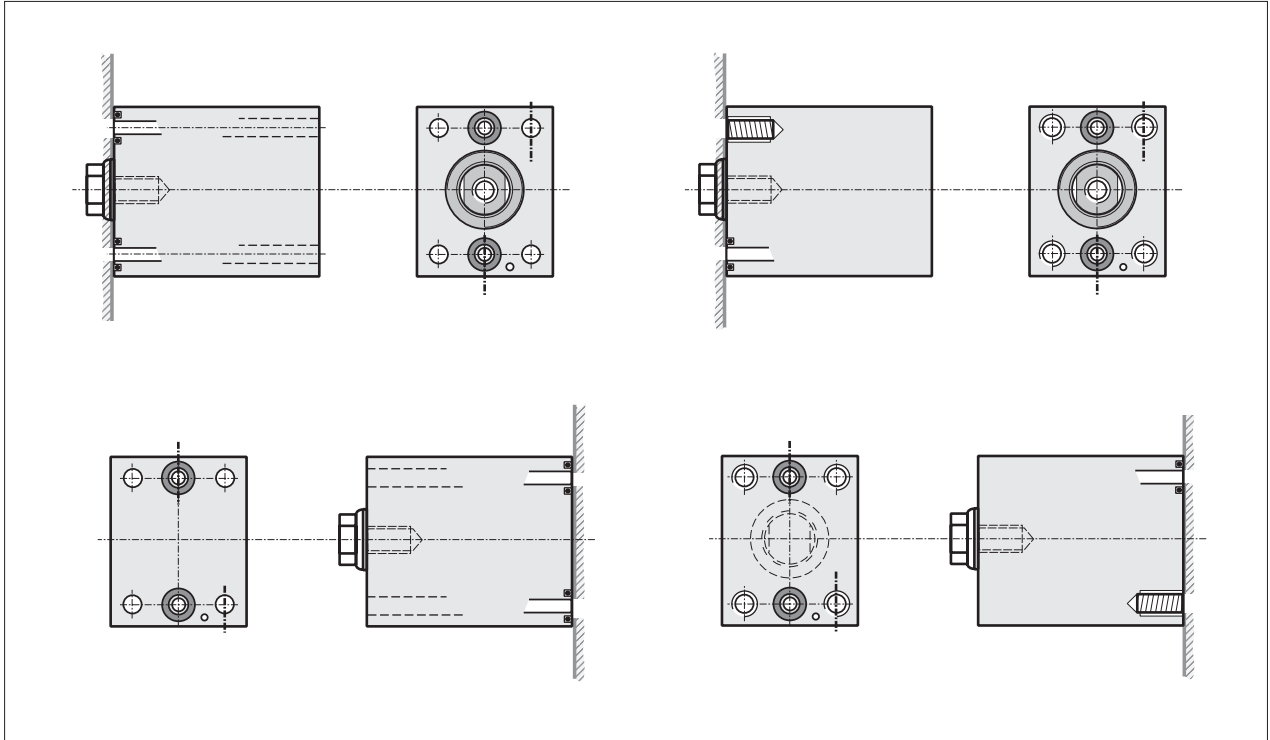
Pozitia de montare si porturile hidraulice se misca paralel cu miscarea tijei pistonului:



Hydraulic Block Cylinder, Double Acting

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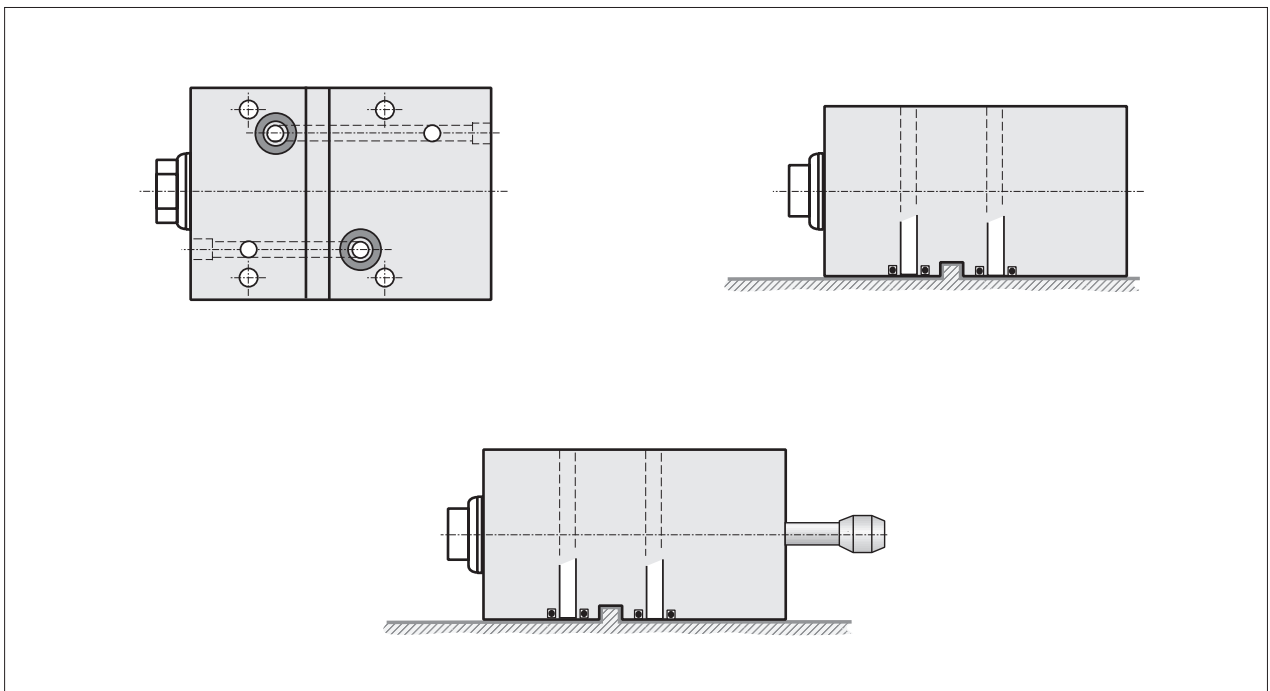
Mounting position and hydraulic ports running parallel to piston rod movement:



S6462/ ..., S6463/ ..., S6464/ ...

Pozitia de montare si porturile hidraulice se misca la 90° fata de miscarea tijei pistonului:

Mounting position and hydraulic ports running at 90° angle to piston rod movement:

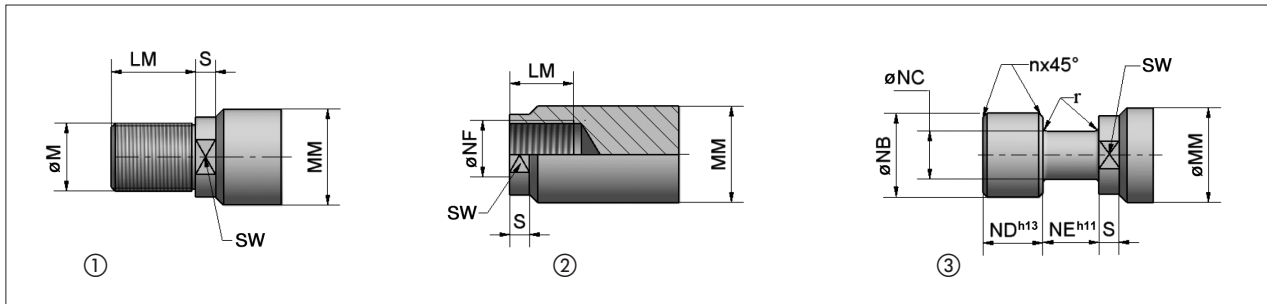


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Detaliile pentru capatul teiei pistonului:

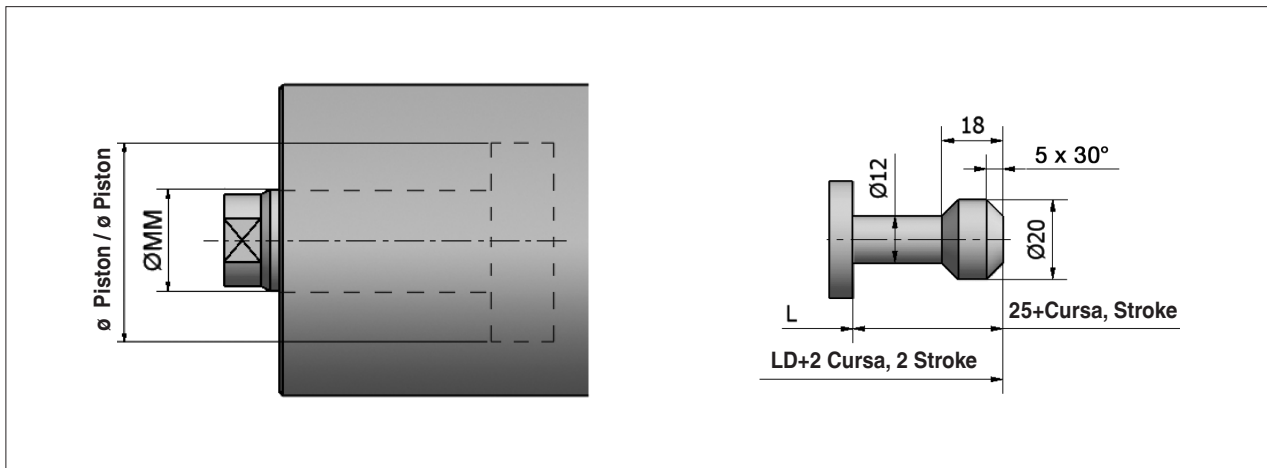
- ① Filet exterior
- ② Filet interior
- ③ Cu canal

Piston rod end details:

- ① External thread
- ② Internal thread
- ③ With spigot



ø Piston ø Piston	MM	SW	LM	M	NB	NC	ND	NE	NF	S	r	S6460	S6461	S6462	S6463	S6464
25	16	12	20	M12x1,25	14	8	6	6	M8	5	1	●	●		●	●
32	18	14			16	10	8	8		6		●	●	●	●	●
40	22	17	25	M16x1,5	20	13	10	10	M10	8		●	●	●	●	●
50	28	22	30	M20x1,5	25	16	13	13	M16x1,5			●	●	●	●	●
63	36	30	40	M27x2	33	22	16	16	M20x1,5	10	2	●	●	●	●	●
80	45	36	50	M33x2	42	30	20	20	M27x2	12		●	●	●	●	●
100	56	46	60	M42x2	53	36	30	30	M33x2			●	●	●	●	●
125	70	60	70	M52x2	67	46			M42x2	13		●	●	●	●	●

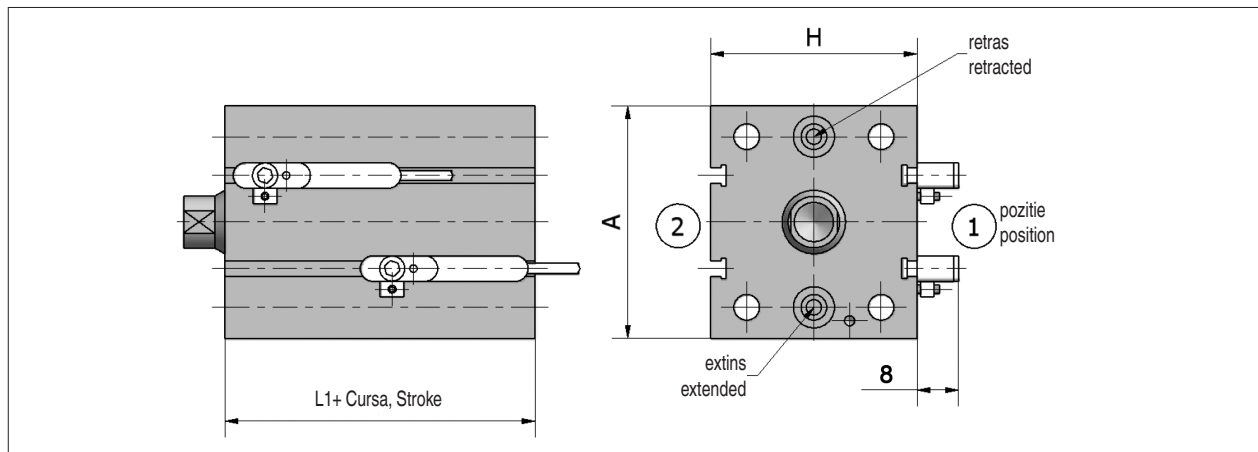
Informatii tija:
Information rod:


ø Piston [mm] ø Piston	MM	LD + 2xCursa/Stroke				
		S6460	S6461	S6462	S6463	S6464
25	16	91	91	-	98	98
32	18	101	101	111	109	109
40	22	110	110	120	120	120
50	28	120	120	130	130	130
63	36	133	133	143	145	145
80	45	151	151	161	165	165
100	56	165	165	175	179	179
125	70	190	190	200	205	205

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Comutator magnetic de proximitate:

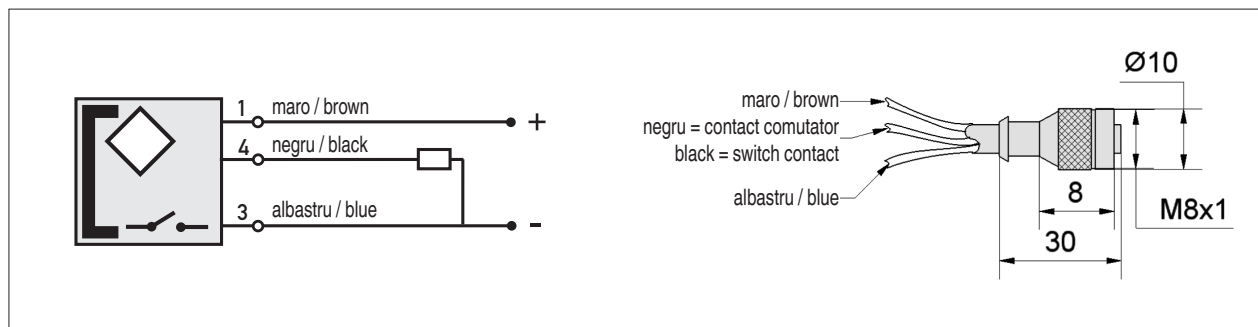
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Magnetic Proximity switch:


ø Piston [mm] ø Piston	MM	L1 + Cursa/Stroke				
		S6460	S6461	S6462	S6463	S6464
32	18	86	86	96	94	94
40	22	95	95	105	105	105
50	28	100	100	110	110	110
63	36	118	118	128	130	130
80	45	131	131	141	145	145

Important: Detectarea magnetica este posibila doar pentru cilindri fara amortizoare (L1).

Important: Magnetic detection is only possible for cylinders without cushioning (L1).



Tensiunea de alimentare: **10 - 30 VDC**
 Conector: **BKS 48**
 Lungime cablu: **3,0 m**
 Grad de protectie: **IP 67**
 Curent nominal de iesire: **200 mA**
 Temp. aerului ambient: **-25 °C – +70 °C**

Supply voltage: **10 - 30 VDC**
 Connector: **BKS 48**
 Cable length: **3,0 m**
 Degree of protection: **IP 67**
 Rated operational current: **200 mA**
 Ambient temperature range: **-25 °C – +70 °C**

Nota: O cursa minima de 15 mm este obligatoriu pentru toti cilindrii cu detectie magnetica.

Note: A minimum stroke of 15 mm is obligatory for all cylinders with magnetic detection.

Atentie:

Pentru a preveni erorile de comutare, cilindrul nu trebuie sa fie instalat intr-un camp magnetic extern care depaseste 1kA/m. Nu trebuie sa existe material feritic in imediata vecinatate a sensorului. Capacul trebuie sa fie prevazuta impotriva fragmentelor feritice.

Attention:

To prevent switching errors, the cylinder must not be installed in an external magnetic field that exceeds 1 kA/m. There must be no ferritic material in the immediate neighbourhood of the sensor. Covers must be provided against ferritic chips.