



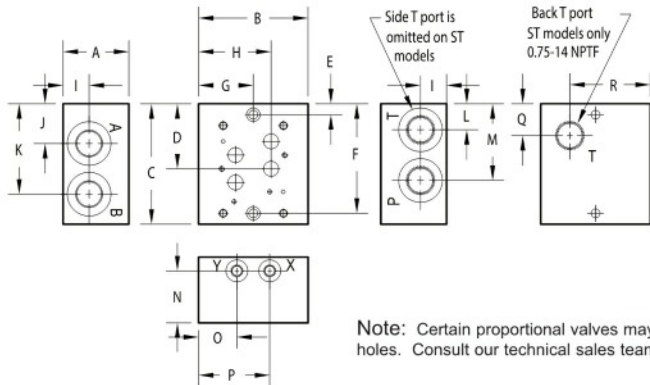
D07 Subplates

Side Ported Subplate

Valve mtg: UNC 0.25-20 x 0.75 DP and UNC 0.38-16 x 1.00 DP or
Metric M6-1.0mm ISO 6H x [19.1] DP and M10-1.5mm ISO 6H x [25.4] DP
Subplate hardware kit is supplied.
See page 135 for itemized list.

Back Ported Subplate

Valve mtg: UNC 0.25-20 x 0.75 DP and UNC 0.38-16 x 1.00 DP or
Metric M6-1.0mm ISO 6H x [19.1] DP and M10-1.5mm ISO 6H x [25.4] DP
Subplate hardware kit is supplied.
See page 135 for itemized list.



Dimension	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
D07SPSO12	1.75 [44.5]	3.75 [95.3]	4.75 [120.7]	2.34 [59.4]	0.38 [9.5]	4.38 [111.3]	1.88 [47.8]	2.69 [68.3]	0.81 [20.6]	1.50 [38.1]	3.13 [79.5]	1.19 [30.2]	2.78 [70.6]	1.25 [31.8]	1.12 [28.4]	2.62 [66.5]	--	--
D07SPST12	1.75 [44.5]	3.75 [95.3]	4.75 [120.7]	2.34 [59.4]	0.38 [9.5]	4.38 [111.3]	1.88 [47.8]	2.69 [68.3]	0.81 [20.6]	1.50 [38.1]	3.13 [79.5]	--	2.78 [70.6]	1.25 [31.8]	1.12 [28.4]	2.62 [66.5]	1.09 [27.7]	2.69 [68.3]
D07SPSO16	3.00 [76.2]	5.00 [127.0]	5.50 [139.7]	2.97 [75.4]	0.50 [12.7]	5.00 [127.0]	2.50 [63.5]	3.31 [84.2]	1.16 [29.5]	1.81 [46.0]	4.13 [104.8]	1.19 [30.2]	3.50 [88.9]	2.38 [60.3]	1.75 [44.5]	3.25 [82.6]	--	--
*D07SPB12B	1.50 [38.1]	4.00 [101.6]	4.75 [120.7]	2.34 [59.4]	0.38 [9.5]	4.37 [111.0]	2.00 [50.8]	2.81 [71.4]	1.09 [27.7]	2.75 [69.9]	4.00 [101.6]	1.19 [30.2]	2.81 [71.4]	4.09 [103.9]	1.13 [28.7]	2.94 [74.7]	1.13 [28.7]	2.94 [74.7]
*D07SPB12[M,P,S,T]	1.50 [38.1]	4.00 [101.6]	4.75 [120.7]	2.34 [59.4]	0.38 [9.5]	4.37 [111.0]	2.00 [50.8]	2.81 [71.4]	1.09 [27.7]	2.81 [71.4]	4.00 [101.6]	1.25 [31.8]	2.91 [73.9]	4.09 [103.9]	1.13 [28.7]	2.94 [74.7]	1.13 [28.7]	2.94 [74.7]
D07SPB16	2.75 [69.9]	5.00 [101.6]	6.00 [152.4]	2.97 [75.4]	0.50 [12.7]	5.50 [139.7]	2.50 [63.5]	3.31 [84.2]	1.25 [31.8]	3.50 [88.9]	5.31 [134.9]	1.38 [34.9]	3.63 [92.1]	5.31 [134.9]	1.38 [34.9]	3.63 [92.1]	1.63 [41.3]	3.44 [87.3]

Specifications, descriptions, and dimensional data are subject to correction or change without notice or incurring obligation.
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Ordering Information

Material	Valve Pattern	Product Type	Port Location	Port Threads	For <u>coating options</u> see pages 245-246.
Material A Aluminum - 6061-T6 3000† psi • 20.7 MPa D Ductile Iron - D4512 5000† psi • 34.5 MPa † Working pressure should be considered in accordance with ISO 4413 to determine appropriate material type.	Valve Pattern D07 ISO 4401-07-06 NFPA T3.5.1-D07 See Tech Information	Product Type SP Subplate	Port Location SO Side ported ST Side P,A,B ports Back T port. Available on 12P and 12S only B Back ported	P, T, A, B Port Threads* 12P 0.75-14 NPTF ANSI B1.20.3 12S -12 SAE ISO 11926; SAE 1926 12B 0.75-14 BSPP ISO 1179; BS 2779 12M M27 x 2.0 ISO 6149 12T 0.75-14 BSPT ISO 7; BS 21 16P 1.00-11.5 NPTF ANSI B1.20.3 16S -16 SAE ISO 11926; SAE 1926 16B 1.00-11 BSPP ISO 1179; BS 2779 16M M33 x 2.0 ISO 6149 16T 1.00-11 BSPT ISO 7; BS 21	X & Y port size (reference) 12P 0.25-18 NPTF ANSI B1.20.3 12S -6 SAE ISO 11926; SAE 1926 12B 0.25-19 BSPP ISO 1179; BS 2779 12M M14 x 1.5 ISO 6149 12T 0.25-19 BSPT ISO 7; BS 21

* T port is always 0.75-14 NPTF on ST models.

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In order to constantly improve the quality of our products, we retain the right to make changes to the products and specifications at any time without prior notice.

Customers have the responsibility to continuously check all the information on all data sheets.