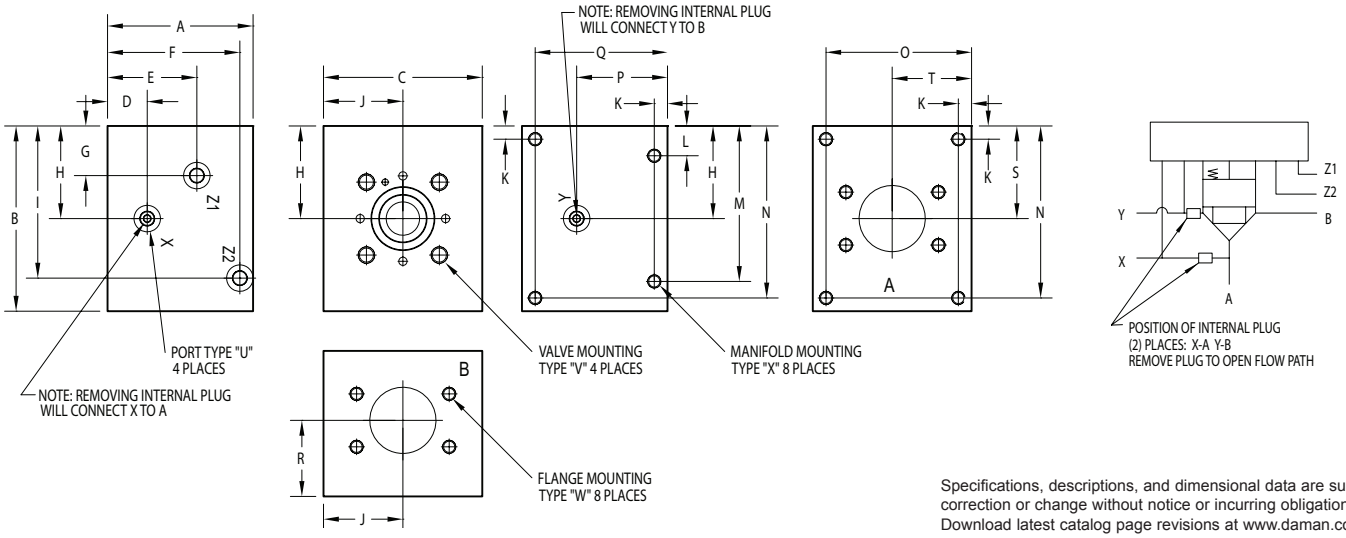
40mm Body • XA Circuit



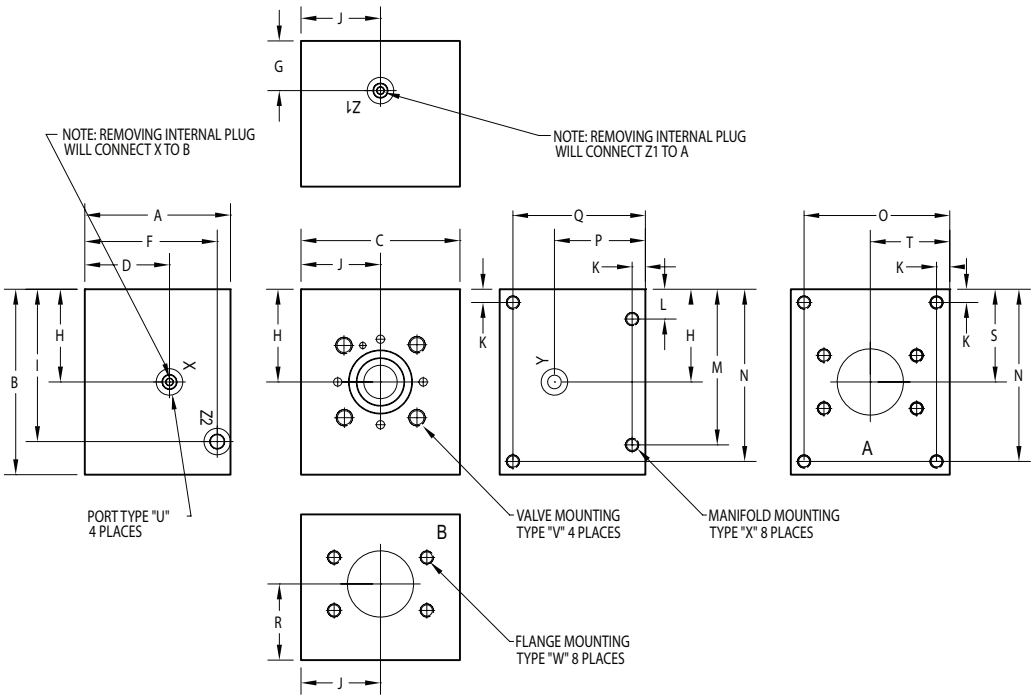
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PART NO.	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
*40XA32F61 *40XA32F61M	6.00 [152.4]	7.00 [177.8]	6.00 [152.4]	1.25 [31.8]	3.50 [88.9]	5.50 [139.7]	1.28 [32.5]	3.25 [82.6]	6.00 [152.4]	3.00 [76.2]	0.50 [12.7]	1.13 [28.6]	5.88 [149.2]	6.50 [165.1]	5.50 [139.7]	3.46 [87.9]
*40XB32F61 *40XB32F61M	6.00 [152.4]	7.00 [177.8]	6.00 [152.4]	3.46 [87.9]	--	5.50 [139.7]	1.25 [31.8]	3.25 [82.6]	6.00 [152.4]	3.00 [76.2]	0.50 [12.7]	1.13 [28.6]	5.88 [149.2]	6.50 [165.1]	5.50 [139.7]	3.46 [87.9]
D40XA32F62 D40XA32F62M	6.00 [152.4]	7.00 [177.8]	6.00 [152.4]	1.25 [31.8]	3.50 [88.9]	5.50 [139.7]	1.16 [29.4]	3.13 [79.8]	5.88 [149.2]	3.00 [76.2]	0.50 [12.7]	1.13 [28.6]	5.88 [149.2]	6.50 [165.1]	5.50 [139.7]	3.46 [87.9]
D40XB32F62 D40XB32F62M	6.00 [152.4]	7.00 [177.8]	6.00 [152.4]	3.46 [87.9]	--	5.50 [139.7]	1.25 [31.8]	3.13 [79.8]	5.88 [149.2]	3.00 [76.2]	0.50 [12.7]	1.13 [28.6]	5.88 [149.2]	6.50 [165.1]	5.50 [139.7]	3.46 [87.9]
*40XA48F61 *40XA48F61M	6.00 [152.4]	7.50 [190.5]	6.00 [152.4]	1.25 [31.8]	3.50 [88.9]	5.50 [139.7]	1.78 [45.2]	3.75 [95.3]	6.50 [165.1]	3.00 [76.2]	0.50 [12.7]	1.13 [28.6]	6.38 [161.9]	7.00 [177.8]	5.50 [139.7]	3.46 [87.9]
*40XB48F61 *40XB48F61M	6.00 [152.4]	7.50 [190.5]	6.00 [152.4]	3.46 [87.9]	--	5.50 [139.7]	1.25 [31.8]	3.75 [95.3]	6.50 [165.1]	3.00 [76.2]	0.50 [12.7]	1.13 [28.6]	6.38 [161.9]	7.00 [177.8]	5.50 [139.7]	3.46 [87.9]
D40XA48F62 D40XA48F62M	7.50 [190.5]	9.50 [241.3]	9.00 [228.6]	2.75 [69.9]	5.00 [127.0]	7.00 [177.8]	2.78 [70.6]	4.75 [120.7]	7.50 [190.5]	4.50 [114.3]	0.75 [19.1]	1.63 [41.3]	7.88 [200.0]	8.75 [222.3]	8.25 [209.6]	4.96 [126.0]
D40XB48F62 D40XB48F62M	7.50 [190.5]	9.50 [241.3]	9.00 [228.6]	4.96 [126.0]	--	7.00 [177.8]	2.75 [69.9]	4.75 [120.7]	7.50 [190.5]	4.50 [114.3]	0.75 [19.1]	1.63 [41.3]	7.88 [200.0]	8.75 [222.3]	8.25 [209.6]	4.96 [126.0]

PART NO.	Q	R	S	T	U pilot port size	V valve mounting	W flange mounting	X manifold mounting
*40XA32F61 *40XA32F61M	5.50 [139.7]	3.46 [87.9]	3.25 [82.6]	3.00 [76.2]	SAE #6 ISO 6149 M14	0.75 UNC x 1.62 DP M20 ISO 6H x 41 DP	0.50 UNC x 1.19 DP M12 ISO 6H x 30 DP	0.50 UNC x 1.00 DP M12 ISO 6H x 25 DP
*40XB32F61 *40XB32F61M	5.50 [139.7]	3.46 [87.9]	3.25 [82.6]	3.00 [76.2]	SAE #6 ISO 6149 M14	0.75 UNC x 1.62 DP M20 ISO 6H x 41 DP	0.50 UNC x 1.19 DP M12 ISO 6H x 30 DP	0.50 UNC x 1.00 DP M12 ISO 6H x 25 DP
D40XA32F62 D40XA32F62M	5.50 [139.7]	3.46 [87.9]	3.13 [79.4]	3.00 [76.2]	SAE #6 ISO 6149 M14	0.75 UNC x 1.62 DP M20 ISO 6H x 41 DP	0.75 UNC x 1.50 DP M20 ISO 6H x 38 DP	0.50 UNC x 1.00 DP M12 ISO 6H x 25 DP
D40XB32F62 D40XB32F62M	5.50 [139.7]	3.46 [87.9]	3.13 [79.4]	3.00 [76.2]	SAE #6 ISO 6149 M14	0.75 UNC x 1.62 DP M20 ISO 6H x 41 DP	0.75 UNC x 1.50 DP M20 ISO 6H x 38 DP	0.50 UNC x 1.00 DP M12 ISO 6H x 25 DP
*40XA48F61 *40XA48F61M	5.50 [139.7]	3.00 [76.2]	3.75 [95.3]	3.00 [76.2]	SAE #6 ISO 6149 M14	0.75 UNC x 1.62 DP M20 ISO 6H x 41 DP	0.63 UNC x 1.44 DP M16 ISO 6H x 36 DP	0.50 UNC x 1.00 DP M12 ISO 6H x 25 DP
*40XB48F61 *40XB48F61M	5.50 [139.7]	3.00 [76.2]	3.75 [95.3]	3.00 [76.2]	SAE #6 ISO 6149 M14	0.75 UNC x 1.62 DP M20 ISO 6H x 41 DP	0.63 UNC x 1.44 DP M16 ISO 6H x 36 DP	0.50 UNC x 1.00 DP M12 ISO 6H x 25 DP
D40XA48F62 D40XA48F62M	6.75 [171.5]	3.75 [95.3]	4.75 [120.7]	4.50 [114.3]	SAE #6 ISO 6149 M14	0.75 UNC x 1.62 DP M20 ISO 6H x 41 DP	1.13 UNC x 2.39 DP M30 ISO 6H x 63 DP	0.75 UNC x 1.62 DP M20 ISO 6H x 41 DP
D40XB48F62 D40XB48F62M	6.75 [171.5]	3.75 [95.3]	4.75 [120.7]	4.50 [114.3]	SAE #6 ISO 6149 M14	0.75 UNC x 1.62 DP M20 ISO 6H x 41 DP	1.13 UNC x 2.39 DP M30 ISO 6H x 63 DP	0.75 UNC x 1.62 DP M20 ISO 6H x 41 DP

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40mm Body • XB Circuit



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Ordering Information

For **coating options** see pages 245-246.

Material	Valve Cavity	Pilot Circuit	A & B Port Size	Flange Rating	Thread Type

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.

Pilot Circuit

XA	X common to A Y common to B
XB	X common to B Z1 common to A

These connections are furnished plugged (external pilot ports). Remove plugs for internal pilot ports. See circuit diagram.

Flange Rating

Aluminum or Ductile	
61	ISO 6162 - 2.5 to 35 MPa SAE code 61
Ductile only	
62	ISO 6162 - 40 MPa series SAE code 62

Valve Cavity

40	DIN 24342 - 40mm ISO 7368-10-07 (Standard currently under revision) NFPA T3.5.45-BD-10-2-A

A & B Port Size

32F	ISO 6162 - DN51 Split Flange SAE Size 32 (2.00") Flange
48F	ISO 6162 - DN76 Split Flange SAE Size 48 (3.00") Flange

Thread Type

Omit	Inch threads / ports
M	Metric threads / ports

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