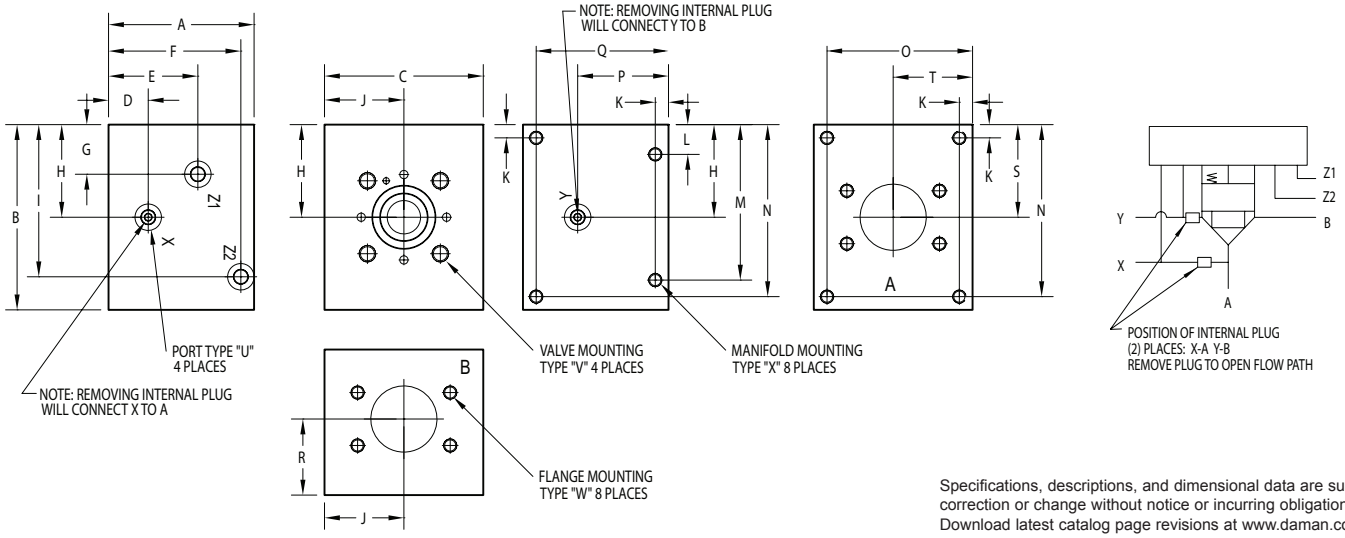
25mm Body • XA Circuit



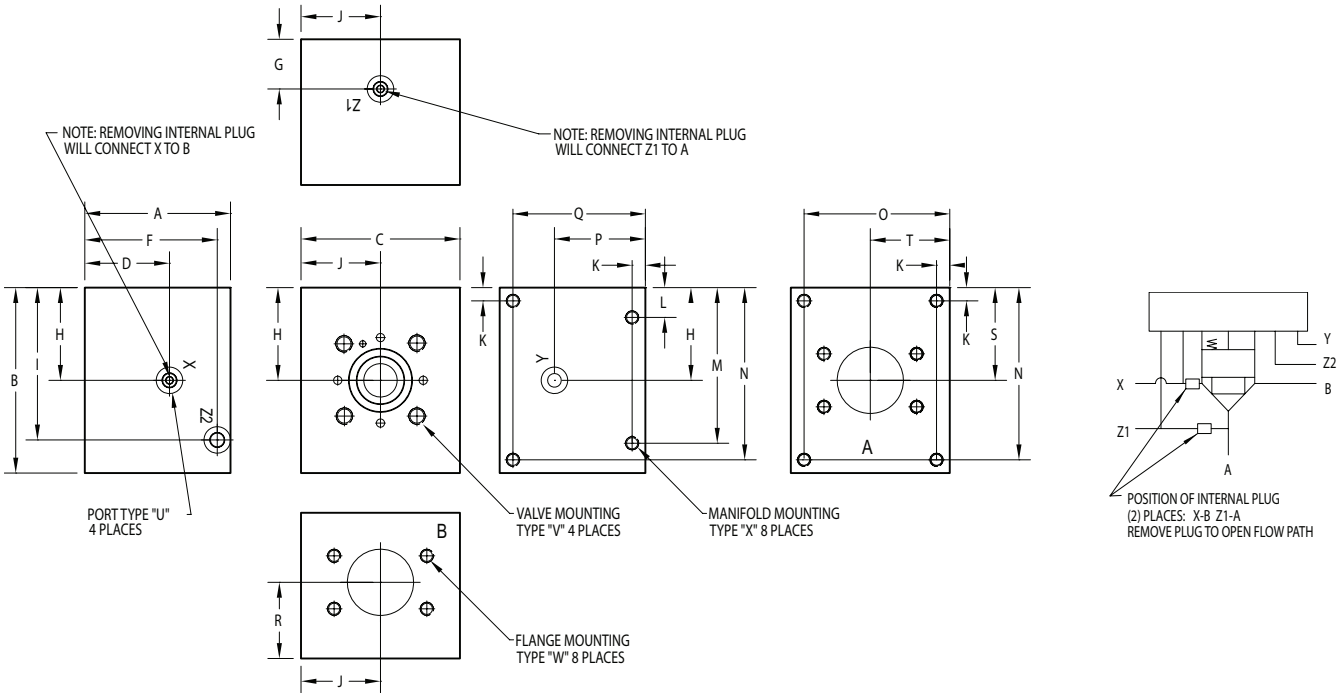
Specifications, descriptions, and dimensional data are subject to correction or change without notice or incurring obligation. Download latest catalog page revisions at www.daman.com.

PART NO.	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
*25XA20F61 *25XA20F61M	4.00 [101.6]	5.00 [127.0]	4.50 [114.3]	0.75 [19.1]	2.13 [54.0]	3.50 [88.9]	0.53 [13.5]	1.88 [47.6]	3.75 [95.3]	2.25 [57.2]	0.38 [9.5]	0.88 [22.2]	4.13 [104.8]	4.63 [117.5]	4.13 [104.8]	2.25 [57.2]
*25XB20F61 *25XB20F61M	4.00 [101.6]	5.00 [127.0]	4.50 [114.3]	2.25 [57.2]	--	3.50 [88.9]	0.75 [19.1]	1.88 [47.6]	3.75 [95.3]	2.25 [57.2]	0.38 [9.5]	0.88 [22.2]	4.13 [104.8]	4.63 [117.5]	4.13 [104.8]	2.25 [57.2]
D25XA20F62 D25XA20F62M	4.00 [101.6]	5.00 [127.0]	4.50 [114.3]	0.75 [19.1]	2.13 [54.0]	3.50 [88.9]	0.72 [18.3]	2.06 [52.4]	3.94 [100.0]	2.25 [57.2]	0.38 [9.5]	0.88 [22.2]	4.13 [104.8]	4.63 [117.5]	4.13 [104.8]	2.25 [57.2]
D25XB20F62 D25XB20F62M	4.00 [101.6]	5.00 [127.0]	4.50 [114.3]	2.25 [57.2]	--	3.50 [88.9]	0.75 [19.1]	2.06 [52.4]	3.94 [100.0]	2.25 [57.2]	0.38 [9.5]	0.88 [22.2]	4.13 [104.8]	4.63 [117.5]	4.13 [104.8]	2.25 [57.2]
*25XA32F61 *25XA32F61M	5.00 [127.0]	6.00 [152.4]	4.50 [114.3]	1.75 [44.5]	3.13 [79.4]	4.50 [114.3]	1.53 [38.9]	2.88 [73.0]	4.75 [120.7]	2.25 [57.2]	0.50 [12.7]	1.13 [28.6]	4.88 [123.8]	5.50 [139.7]	4.00 [101.6]	3.25 [82.6]
*25XB32F61 *25XB32F61M	5.00 [127.0]	6.00 [152.4]	4.50 [114.3]	3.25 [82.6]	--	4.50 [114.3]	1.75 [44.5]	2.88 [73.0]	4.75 [120.7]	2.25 [57.2]	0.50 [12.7]	1.13 [28.6]	4.88 [123.8]	5.50 [139.7]	4.00 [101.6]	3.25 [82.6]
D25XA32F62 D25XA32F62M	5.00 [127.0]	6.50 [165.1]	6.00 [152.4]	1.75 [44.5]	3.13 [79.4]	4.50 [114.3]	1.78 [45.2]	3.13 [79.4]	5.00 [127.0]	3.00 [76.2]	0.50 [12.7]	1.13 [28.6]	5.38 [136.5]	6.00 [152.4]	5.50 [139.7]	3.25 [82.6]
D25XB32F62 D25XB32F62M	5.00 [101.6]	6.50 [165.1]	6.00 [152.4]	3.25 [82.6]	--	4.50 [114.3]	1.75 [44.5]	3.13 [79.4]	5.00 [127.0]	3.00 [76.2]	0.50 [12.7]	1.13 [28.6]	5.38 [136.5]	6.00 [152.4]	5.50 [139.7]	3.25 [82.6]

PART NO.	Q	R	S	T	U pilot port size	V valve mounting	W flange mounting	X manifold mounting
*25XA20F61 *25XA20F61M	3.63 [92.1]	2.25 [57.2]	1.88 [47.6]	2.25 [57.2]	SAE #6 ISO 6149 M14	0.50 UNC x 1.19 DP M12 ISO 6H x 30 DP	0.44 UNC x 1.12 DP M10 ISO 6H x 28 DP	0.38 UNC x 0.75 DP M10 ISO 6H x 19 DP
*25XB20F61 *25XB20F61M	3.63 [92.1]	2.25 [57.2]	1.88 [47.6]	2.25 [57.2]	SAE #6 ISO 6149 M14	0.50 UNC x 1.19 DP M12 ISO 6H x 30 DP	0.44 UNC x 1.12 DP M10 ISO 6H x 28 DP	0.38 UNC x 0.75 DP M10 ISO 6H x 19 DP
D25XA20F62 D25XA20F62M	3.63 [92.1]	2.25 [57.2]	2.06 [52.4]	2.25 [57.2]	SAE #6 ISO 6149 M14	0.50 UNC x 1.19 DP M12 ISO 6H x 30 DP	0.50 UNC x 1.19 DP M12 ISO 6H x 30 DP	0.38 UNC x 1.00 DP M10 ISO 6H x 25 DP
D25XB20F62 D25XB20F62M	3.63 [92.1]	2.25 [57.2]	2.06 [52.4]	2.25 [57.2]	SAE #6 ISO 6149 M14	0.50 UNC x 1.19 DP M12 ISO 6H x 30 DP	0.50 UNC x 1.19 DP M12 ISO 6H x 30 DP	0.38 UNC x 1.00 DP M10 ISO 6H x 25 DP
*25XA32F61 *25XA32F61M	4.50 [114.3]	2.75 [69.9]	2.88 [73.0]	2.25 [57.2]	SAE #6 ISO 6149 M14	0.50 UNC x 1.19 DP M12 ISO 6H x 30 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
*25XB32F61 *25XB32F61M	4.50 [114.3]	2.75 [69.9]	2.88 [73.0]	2.25 [57.2]	SAE #6 ISO 6149 M14	0.50 UNC x 1.19 DP M12 ISO 6H x 30 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
D25XA32F62 D25XA32F62M	4.50 [114.3]	2.75 [69.9]	3.13 [79.4]	3.00 [76.2]	SAE #6 ISO 6149 M14	0.50 UNC x 1.19 DP M12 ISO 6H x 30 DP	0.75 UNC x 1.62 DP M20 ISO 6H x 41 DP	0.50 UNC x 1.00 DP M12 ISO 6H x 25 DP
D25XB32F62 D25XB32F62M	4.50 [114.3]	2.75 [69.9]	3.13 [79.4]	3.00 [76.2]	SAE #6 ISO 6149 M14	0.50 UNC x 1.19 DP M12 ISO 6H x 30 DP	0.75 UNC x 1.62 DP M20 ISO 6H x 41 DP	0.50 UNC x 1.00 DP M12 ISO 6H x 25 DP

Daman Products Company, Inc. • 1811 North Home Street • Mishawaka, IN 46545-7267
Tel: 800.959.7841 574.259.7841 • Fax: 800.241.7664 • Email: sales@daman.com • www.daman.com

25mm Body • XB Circuit



Specifications, descriptions, and dimensional data are subject to correction or change without notice or incurring obligation. Download latest catalog page revisions at www.daman.com.

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

25	DIN 24342 - 25mm ISO 7368-08-03 (Standard currently under revision) NFPA T3.5.45-BB-08-2-A

A & B Port Size

20F	ISO 6162 - DN32 Split Flange SAE Size 20 (1.25") Flange
32F	ISO 6162 - DN51 Split Flange SAE Size 32 (2.00") Flange

Thread Type

Omit	Inch threads / ports
M	Metric threads / ports

Daman Products Company, Inc. • 1811 North Home Street • Mishawaka, IN 46545-7267
Tel: 800.959.7841 574.259.7841 • Fax: 800.241.7664 • Email: sales@daman.com • www.daman.com