

NW Style ISO Flange Specifications

Valve Type Number	153E-60-63-2	153E-3-80-1	153E-3-80-2	153E-4-100-1	153E-4-100-2	153E-6-160-2	153E-8-200-2	153E-10-250-2
Inside Diameter (A)* Inches (mm)	2.362 (60.0)	2.888 (73.4)	3.000 (76.2)	3.888 (98.8)	3.875 (98.4)	5.750 (146.1)	7.650 (194.3)	9.700 (246.4)
Mounting Flange	NW-63	NW-80	NW-80	NW-100	NW-100	NW-160	NW-200	NW-250
Outside Diameter (B)* Inches (mm)	5.95 (151.1)	5.95 (151.1)	5.95 (151.1)	7.40 (188)	7.40 (188.0)	8.90 (226.1)	11.22 (285.0)	13.19 (335.0)
Controllable Conductance (l/sec) min max	0.80 375		1.00 500		1.50 900	TBD TBD	TBD TBD	TBD TBD
Closed Leakage (Torr l/sec)	N/A		N/A		N/A	N/A	N/A	N/A
Flapper Seal**	None		None		None	None	None	None
Thickness (D)* Inches (mm)	0.81 (20.6)	0.81 (20.6)	0.81 (20.6)	1.00 (25.4)	0.94 (23.9)	0.94 (23.9)	0.94 (23.9)	0.94 (23.9)
Bolt Hole Diameter (E)* Inches (mm)	0.35 (8.89)	0.35 (8.89)	0.35 (8.89)	0.35 (8.89)	0.35 (8.89)	0.43 (10.9)	0.43 (10.9)	0.43 (10.9)
No. of Bolt Holes (F)	4	8	8	8	8	8	12	12
Bolt Circle Diameter (G) Inches (mm)	4.330 (110.0)	4.920 (125.0)	4.920 (125.0)	5.710 (145)	5.710 (145.0)	7.870 (199.9)	10.240 (260.1)	12.200 (309.9)
Bolt Hole Offset Angle (H)	45°	22.5°	22.5°	22.5°	22.5°	22.5°	15°	15°
Overall Height Inches (mm)	12.72 (323.1)	12.72 (323.1)	12.72 (323.1)	14.17 (359.9)	14.17 (359.9)	15.67 (398.0)	17.99 (456.9)	19.96 (507)
<i>*Refer to Figure 6, page 26.</i> <i>**Where Viton is used, other materials are available; consult factory.</i>								