

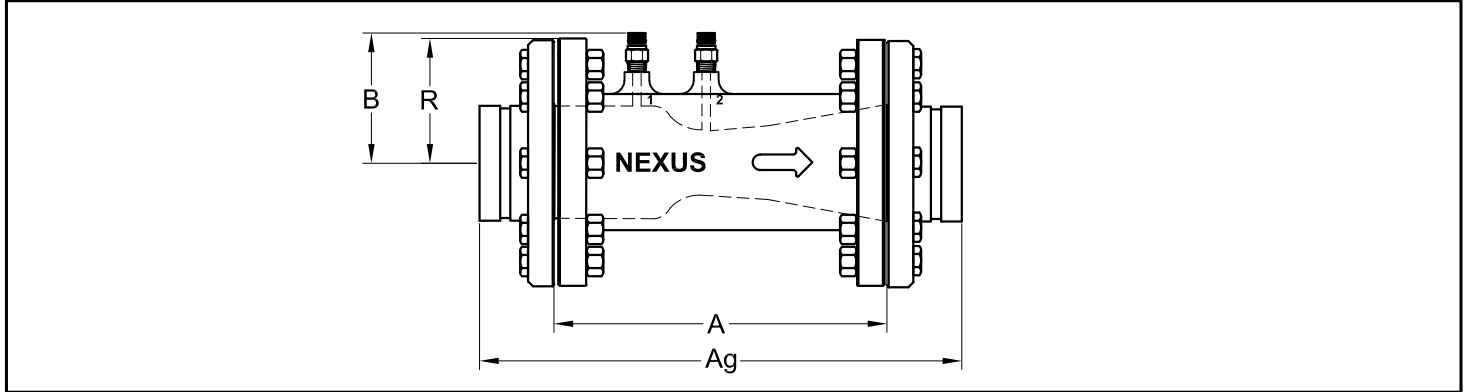


NEXUS

Nexus Venturi™ Model NVG

Grooved End Venturi Flow Meter

(2½" thru 12")



DIMENSIONS [inches]							
SIZE [inches]	A	Ag	B	R (Flange)	Cv	WT. [lbs]	
						NVF	FGA ¹
2½	5.65	10.31	3.75	3.50	43	18.0	17.8
3	8.13	13.06	4.00	3.75	84	24.5	20.2
4	11.00	16.31	4.45	4.50	149	36.5	33.8
5	11.53	17.30	5.00	5.00	220	45.0	44.3
6	12.15	17.75	5.51	5.50	402	57.0	52.0
8	12.90	19.15	6.55	6.75	677	84.5	76.3
10	13.90	20.60	7.60	8.00	995	119.5	120.1
12	15.65	22.45	8.60	9.50	1749	181.5	163.0

NOTE: ¹ Weight of 2 Grooved Adapters with hardware

MATERIALS & DESIGN DATA	
VENTURI BODY (PIPE)P235GH - PRESSURE VESSEL STEEL, (EQUIVALENT TO ST 35), 230 PSI, -4°F to 250°F STANDARD 150# CLASS B FLANGES (MATES TO 125# FLANGES ALSO)
VENTURI INSERTP235T1 - CARBON STEEL (EQUIVALENT TO ST 37)
FLANGESS235JR - CARBON STEEL, ASME B16.5, STANDARD 150# CLASS B
BOLTSZINC PLATED STEEL
GROOVED ADAPTERSDUCTILE IRON, ASTM A 395, 175 PSIG, 250°F, STANDARD 125# CLASS B FLANGES
ACCURACY±3%

FLOW RATE RECOMMENDATION GUIDE		
SIZE [inches]	IDEAL FLOW RANGES [GPM]	
	Min. Flow (@ 10 Inch WC)	Max. Flow (@ 100 Inch WC)
2½	26.0	82.0
3	50.0	158.0
4	89.0	281.0
5	131.0	415.0
6	240.0	758.0
8	404.0	1,277.0
10	594.0	1,877.0
12	1,044.0	3,300.0

BASIC INSTALLATION NOTES

- MUST BE INSTALLED IN THE INDICATED FLOW DIRECTION
- CAN BE ROTATED 360° AROUND PIPE AXIS FOR INSTALLATION
- NO STRAIGHT PIPE DIAMETERS ARE REQUIRED
- ALLOW A MINIMUM OF 10 STRAIGHT PIPE DIAMETERS AFTER A PUMP DISCHARGE
- 150# CLASS B FLANGES ALSO MATE TO 125# FLANGES

ACCESSORIES		
Order Code	Part No.	Description
<input type="checkbox"/> H	HT. HANGING TAG with Model No., Location (Maximum 7 Characters)
<input type="checkbox"/> X	PTE. PRES / TEMP TEST PLUG EXTENSION 1¼" O.A.L.

ORDER DATA	
Sample Part #:	N V G - 0 4 0 0 -
Model	NVG
Size	04
Option Order Code (PTE)	00
Option Order code (HT)	00

PROJECT _____

CONTRACTOR _____

PO/JOB NO. _____

ENGINEER _____

REPRESENTATIVE _____

DATE _____

For part numbers and ordering information please consult the "Ordering Guide" section in Nexus Catalog.