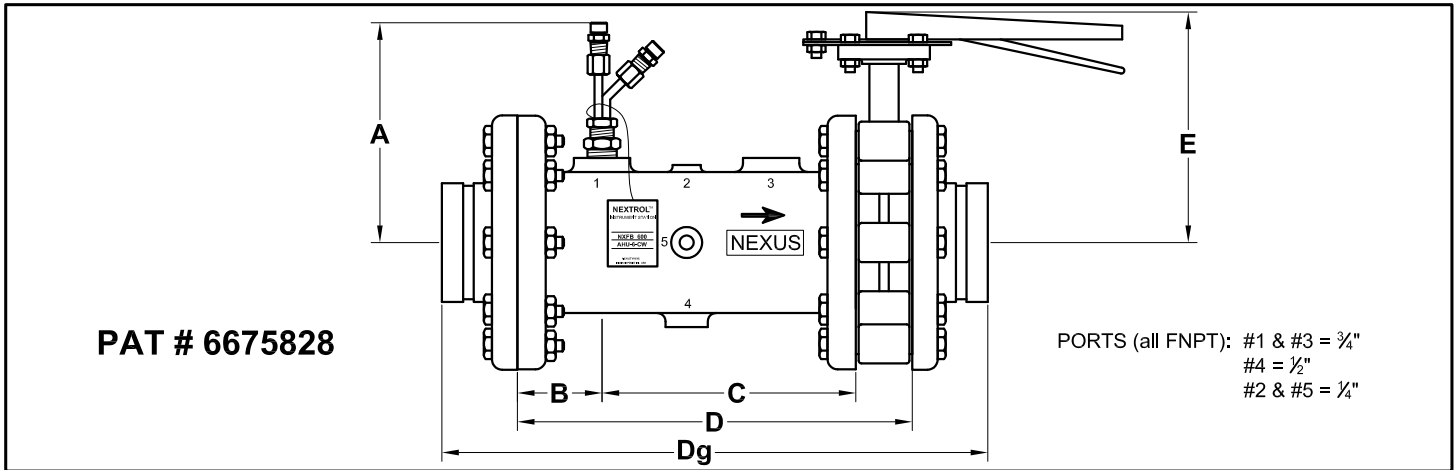




# Nextrol™ Model NXGB

Grooved End Calibrated Balancing Valve, Pitot Tube™  
(2½" thru 12")



DIMENSIONS [inches]										
SIZE [inches]	A	B	C	D	Dg	E	Cv <sup>2</sup>	WT. [lbs]		
								Nextrol Body	Butterfly Valve	FGA <sup>1</sup>
2½	7.6	2.0	6.0	9.8	14.5	8.3	168	20.5	12.9	15.5
3	8.0	2.0	7.0	10.8	15.6	8.4	277	27.1	13.1	18.5
4	8.4	3.0	9.0	14.0	19.3	9.2	573	44.3	19.0	29.0
5	9.0	3.0	11.0	16.2	19.3	9.5	950	54.9	23.0	33.0
6	9.5	3.0	13.0	18.2	23.8	10.2/11.6	1533	71.5	29.0	42.0
8	10.5	3.0	17.0	22.4	28.6	13.2	3063	124.7	65.0	65.0
10	11.7	4.0	20.0	26.6	33.3	14.5	5305	220.0	101.0	90.0
12	12.7	4.0	24.0	31.1	37.9	16.3	8208	340.0	127.0	134.0

Note 1: Weight of 2 grooved adapters w/ hardware  
Note 2: Cv - based on Valve full open and TwinTube in flow

MATERIALS & DESIGN DATA	
NEXTROL BODY:	.....CAST IRON, ASTM A126, CLASS B 175 PSIG, 250°F, STANDARD 125# CLASS B FLANGES
TWINTUBE PITOT:	.....316 STAINLESS STEEL TUBES, BRASS FITTINGS
BUTTERFLY VALVE:	.....EPOXY COATED CAST IRON, LUG TYPE BODY, ASTM A126, CLASS B, 225 PSIG, 250°F, EPDM SEAT, 304 STAINLESS STEEL DISK, 416 STAINLESS STEEL SHAFT, ON-OFF w/ HANDLE
GROOVED ADAPTERS:	.....DUCTILE IRON, ASTM A 395, 175 PSIG, 250°F, STANDARD 125# CLASS B FLANGES
BOLTS:	.....ZINC PLATED STEEL
ACCURACY:	.....±1%

- ### BASIC INSTALLATION NOTES
- CAN BE ROTATED 180° IN-LINE
  - CAN BE MOUNTED HORIZONTALLY OR VERTICALLY
  - IS BI-DIRECTIONAL WITHOUT BUTTERFLY VALVE
  - 125# CLASS B FLANGES ALSO MATE TO 150# FLANGES
  - TWINTUBE SUPPLIED STANDARD WITH ¼" MNPT PT TEST PLUGS
  - TWINTUBE MOUNTS IN PORT #1 WHEN BUTTERFLY IS INSTALLED
  - REQUIRES A MINIMUM OF 5 STRAIGHT PIPE DIAMETERS UPSTREAM OF TWINTUBE
  - HAS THE REQUIRED 2 STRAIGHT PIPE DIAMETERS DOWNSTREAM BUILT INTO THE UNIT
  - NXGB MODEL SHIPS WITH BUTTERFLY VALVE INSTALLED HAND TIGHT
  - BRASS PLUGS ARE FURNISHED FOR ANY UNUSED PORTS
  - NEXTRON SHIPS WITH ACCESSORIES PACKED INSIDE
  - NEXTRON SHIPS WITH FACTORY INSTALLED HANGING TAG

ACCESSORIES	
Order Code	Part No. Description
<input type="checkbox"/> A	.... AV-025. AUTOMATIC AIR VENT 250°F, 150 PSIG, positive shut-off, ¼" MNPT
<input type="checkbox"/> B	.... BD-050. BLOWDOWN / VENT / DRAIN 325°F, 600 PSIG, ¾" hose bib & cap
<input type="checkbox"/> GB	.... BV-0600GB. GEARBOX WITH HAND WHEEL (for 6" thru 12")
<input type="checkbox"/> O	.... SV-025. SHUT-OFF VALVES 300°F, 600 PSIG, ¼" MNPT x ¼" FNPT
<input type="checkbox"/> V	.... MV-025. MANUAL AIR VENT 325°F, 400 PSIG, ¼" MNPT, Side Discharge
<input type="checkbox"/> W	.... TW-075. THERMOMETER WELL ¾" MNPT, brass, 1½" well, 3½" O.A.L.
<input type="checkbox"/> X	.... MV-025L. MANUAL AIR VENT EXTENDED 325°F, 400 PSIG, ¼" MNPT, Side Discharge, 2¼" O.A.L.

PROJECT \_\_\_\_\_

CONTRACTOR \_\_\_\_\_

PO/JOB NO. \_\_\_\_\_

ENGINEER \_\_\_\_\_

REPRESENTATIVE \_\_\_\_\_

DATE \_\_\_\_\_

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