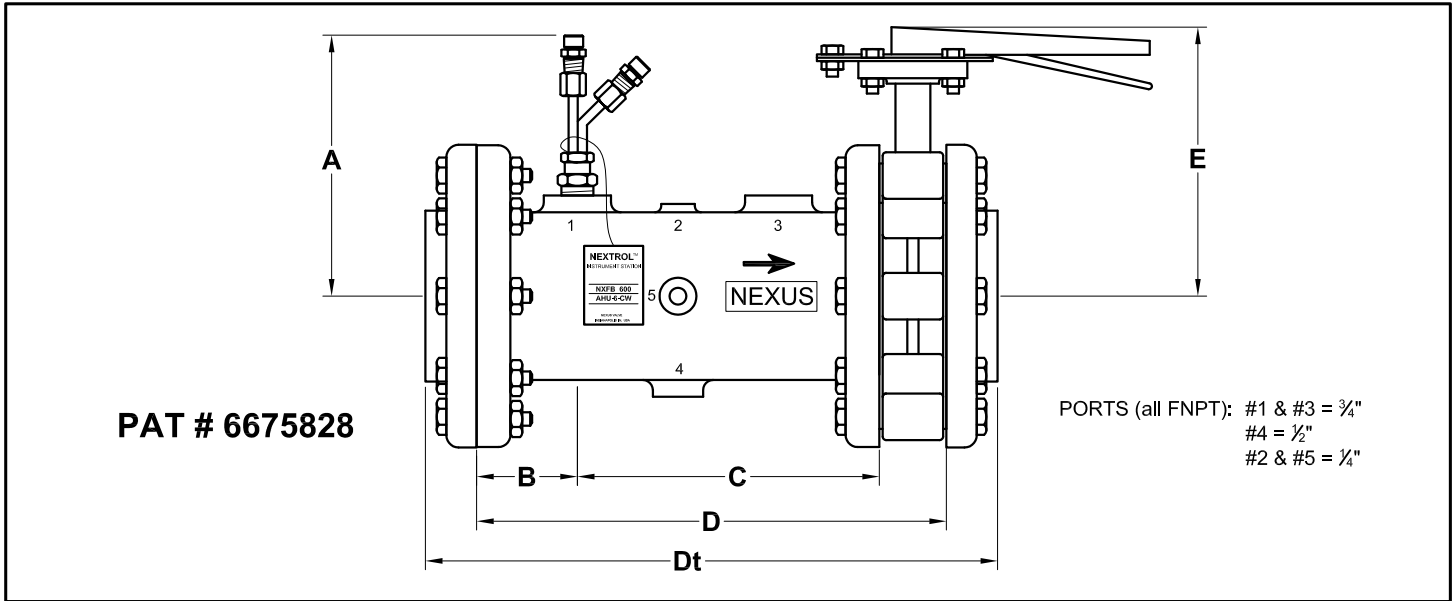




Nextrol™ Model NXTB

Threaded End Calibrated Balancing Valve, Pitot Tube™
(2½")



PORTS (all FNPT): #1 & #3 = ¾"
#4 = ½"
#2 & #5 = ¼"

DIMENSIONS [inches]										
SIZE [inches]	A	B	C	D	Dt	E	Cv ²	WT. [lbs]		
								NEXTRON	VALVE	FTA ¹
2½	7.6	2.0	6.0	9.8	12.1	8.3	168	20.5	12.9	11.7

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

MATERIALS & DESIGN DATA	
NEXTRON 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
THREADED 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
 - NXTB 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"/> 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.