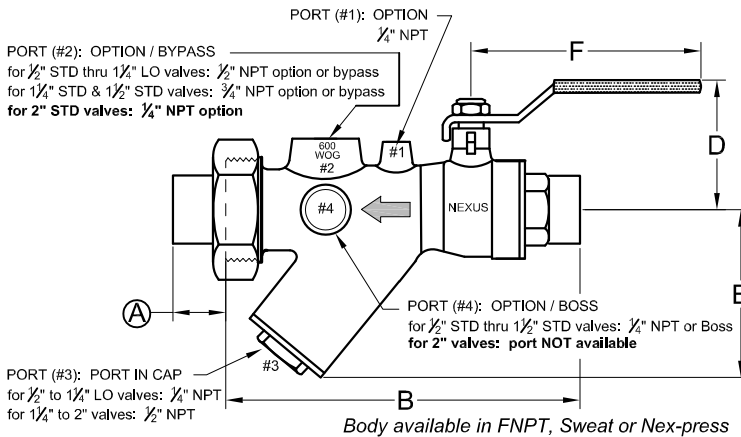




nexusvalve.com

# UltraY™ Model UY

Full Port Ball Valve, Y-Strainer,  
Union End, 600 WOG, 325°F  
(½" thru 2")

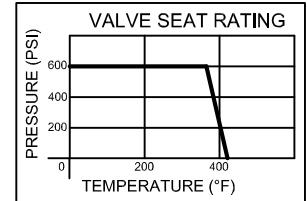


## MATERIALS

BODY	.....FORGED BRASS ASTM B283
	.....CAST BRONZE (2" BODY)
HANDLE & NUT	.....ZINC PLATED
BALL	.....HARD CHROME PLATED
BALL SEALS	.....TEFLON
SHAFT SEALS	.....DUAL VITON O-RINGS
UNION SEALS	.....VITON O-RING
CAP SEAL	.....VITON O-RING
FILTER SCREEN	.....20 MESH, 304 STAINLESS STEEL
TAIL PIECES, NUT	.....BRASS

## DESIGN DATA

HOT FORGED BRASS BODY  
(CAST BRASS: 2" BODY)  
O-RING SEALS, 600 WOG, 325°F  
INTERCHANGEABLE UNION END  
BLOWOUT-PROOF SHAFTS  
DOUBLE SHAFT SEALS  
REMOVABLE FILTER SCREEN  
½" FNPT OPTION PORT



## DIMENSIONS [inches]

SIZE [inches]	LO	STD	B			D	E	F	FILTER AREA [sq. in.]	Cv	WT [lbs] (Tail Pieces & Nuts not included)
			F (NPT)	S (Sweat)	P (Nex-press)						
½		✓	3.9	4.1	4.5	1.7	1.6	1.9	2.7	5.5	1.1
¾	✓		3.9	4.2	4.6	1.7	1.6	1.9	2.7	5.5	1.1
¾		✓	4.9	5.2	5.6	1.8	2.4	3.1	7.4	9.0	2.1
1	✓		4.3	4.4	4.6	1.7	1.6	1.9	2.7	5.5	1.1
1		✓	5.1	5.3	5.6	1.8	2.4	3.1	7.4	9.0	2.1
1¼	✓		5.4	5.3	-	1.8	2.4	3.1	7.4	9.0	2.1
1¼		✓	6.6	6.8	-	2.5	3.5	4.3	16.7	28.0	4.1
1½		✓	6.6	7.0	-	2.5	3.5	4.3	16.7	28.0	4.2
2		✓	9.1	9.9	-	3.4	5.1	5.5	20.6	68.0	8.0

Cv - based on new clean filter element

## 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-025 / BD-050	BLOWDOWN / VENT / DRAIN 325°F, 600 PSIG, ¼" hose bib & cap
<input type="checkbox"/> E	ES-1, ES-2, ES-3	EXTENDED HANDLE Stationary housing for full-height vapor barrier
<input type="checkbox"/> L	SL	SHORT LEVER HANDLE
<input type="checkbox"/> P	PT-025	PRES / TEMP TEST PLUG 325°F, 1000 PSIG, ¼" NPT
<input type="checkbox"/> V	MV-025	MANUAL AIR VENT 325°F, 400 PSIG, ¼" MNPT, Side Discharge
<input type="checkbox"/> X	MV-025L	MANUAL AIR VENT EXTENDED 325°F, 400 PSIG, ¼" MNPT, Side Discharge, 2¼" O.A.L.
	PTE	PRES / TEMP TEST PLUG EXTENSION 1¼" O.A.L.

TAIL PIECE OPTION	Nexus P/N	O.A.L. [inches]	USE WITH VALVE SIZE	
MALE NPT	TP-075-050M	1.75	½ STD, ¾ LO, 1 LO	
	TP-125-050M	1.75	¾ STD, 1 STD, 1¼ LO	
	TP-125-075M	1.75		
	TP-125-100M	1.75		
	FEMALE NPT	TP-200-050M	1.69	1¼ STD, 1½ STD
		TP-200-075M	1.73	
		TP-200-100M	1.85	
		TP-200-125M	1.85	
TP-200-150M		1.89		
FEMALE SWEAT		TP-250-100M	1.93	
	TP-250-125M	1.93		
	TP-250-150M	1.97		
	TP-250-200M	2.00		
	FEMALE SWEAT	TP-125-050F	1.00	¾ STD, 1 STD, 1¼ LO
TP-125-075F		1.00		
TP-125-100F		1.20		
FEMALE SWEAT		TP-200-100F	1.61	1¼ STD, 1½ STD
		TP-200-125F	1.57	
		TP-200-150F	1.18	
		TP-250-125F	1.77	
FEMALE SWEAT		TP-250-150F	1.97	2 STD
		TP-075-050S	0.59	
		TP-125-050S	0.60	
	TP-125-075S	0.85	¾ STD, 1 STD, 1¼ LO	
	TP-125-100S	1.00		
	TP-200-075S	1.85		
	FEMALE SWEAT	TP-200-100S	1.85	1¼ STD, 1½ STD
		TP-200-125S	1.85	
TP-200-150S		1.38		
TP-250-125S		1.69		
TP-250-150S		1.97		
TP-250-200S		1.65		

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

PROJECT \_\_\_\_\_

CONTRACTOR \_\_\_\_\_

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

ENGINEER \_\_\_\_\_

REPRESENTATIVE \_\_\_\_\_

DATE \_\_\_\_\_