



### MATERIALS & DESIGN DATA

BODIES, END PIECES	.....HOT FORGED BRASS ASTM B283 (CAST BRASS: UY/UM (1/2"STD, 2", 2 1/2")) FNPT, SWT, NexPress, NexLok 600 WOG, 325°F (NexPress: 200 PSIG, 250°F / NexLok: 250 PSIG, 200°F), INTERCHANGEABLE UNION ENDS
HANDLES & NUTS	.....ZINC PLATED / PVC COATED
FILTER SCREEN (UY)	.....304 STAINLESS STEEL, REMOVABLE, 20 MESH / 40 MESH (optional)
BALLS	.....HARD CHROME PLATED BRASS / STAINLESS STEEL (optional)
BALL SEALS	.....TEFLON
SHAFTS	.....BRASS / STAINLESS STEEL (optional) BLOWOUT-PROOF SHAFT
SHAFT SEALS	.....DUAL FKM O-RINGS
UNION SEALS	.....FKM O-RING
CAP SEALS	.....FKM O-RING
FLOW CARTRIDGE	.....304 STAINLESS STEEL MOVING PARTS IN BRASS HOUSING, PAT # 8517051
CARTRIDGE SEAL	.....EPDM
HOSE SPECS	.....400 PSI (1/2" thru 1"), 248°F 300 PSI (1 1/4" thru 2"), 248°F 400 PSI (2 1/2"), 70°F
HOSE CORE	.....REINFORCED EPDM
HOSE BRAID	.....STAINLESS STEEL
HOSE FITTINGS	.....BRASS OT58
HOSE GASKET	.....EPDM

### FLOW RATE SELECTIONS

SIZE [inches]	PSID (range)	GPM (± 5.0%)
1/2 LO, 3/4 LO, 1 XLO	2 - 45	0.33, 0.5, 0.75, 1.0, 1.25, 1.5, 1.75, 2.0, 2.25, 2.5, 2.75, 3.0, 3.5, 4.0, 4.5, 5.0, 5.5, 6.0
	4 - 55	7.0, 8.0
1/2 STD, 3/4 STD, 1 LO, 1 1/4 LO	2 - 45	0.33, 0.5, 0.75, 1.0, 1.25, 1.5, 1.75, 2.0, 2.25, 2.5, 2.75, 3.0, 3.5, 4.0, 4.5, 5.0, 5.5, 6.0, 7.0, 8.0, 9.0, 10.5
	5 - 65	11.0, 12.0, 13.0, 14.0, 15.0
1 STD, 1 1/4 STD, 1 1/2 LO	2 - 45	7.0, 8.0, 9.0, 10.0, 11.0, 12.0, 13.0, 14.0, 15.0 16.0, 17.0, 18.0, 19.0, 20.0, 21.0, 22.0
	2 - 60	24.0, 25.0, 30.0, 35.0
1 1/2 STD, 2, 2 1/2	4 - 70	40.0, 45.0
	2 - 45	25.0, 30.0, 35.0, 40.0, 45.0, 50.0, 55.0, 60.0, 65.0, 70.0, 75.0
	5 - 50	80.0, 85.0, 90.0, 95.0, 100.0

### ACCESSORIES

	Order Code	Part No.	Description
	<input type="checkbox"/> C	CV-1, CV-2	CHECK VALVE CV-1 for 1/2"LO, 3/4"LO, 1"XLO; CV-2 for 1/2"STD, 3/4"STD, 1"LO, 1 1/4"LO; Center Guided, Non-Slam Check
	<input type="checkbox"/> H	HT.	HANGING TAG with Model No., Location, Flow Rate (Maximum 7 Characters)
	<input type="checkbox"/> K	ES.	EXTENSION KITS
	<input type="checkbox"/> L	SL.	SHORT LEVER HANDLE
	<input type="checkbox"/> M	HNA.	HOSE ADAPTER. Straight pipe threads and MNPT pipe threads
	<input type="checkbox"/> S	HSA.	HOSE ADAPTER. Straight pipe threads and Sweat end
	<input type="checkbox"/> P	HPA.	HOSE ADAPTER. Straight pipe threads and NexPress end
	<input type="checkbox"/> T	T.C.V.	Handling (TC) & Hard Piped (CC) (See TCV Catalog for Order Codes)

### ORDER DATA

Sample Part #: **A 2 Y - 1 5 0 L S M 1 C 0 1 5 0 M 0**

Model	Valve Trim	Coil Pak Size	Branch Line	Connection to TCV	Connection to Coil	Flow Rate (GPM)	Hose Adapters (Con. Type & Red. Code)	Accessory Cap Option	Option Order Codes (Accessories)
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PROJECT \_\_\_\_\_

CONTRACTOR \_\_\_\_\_

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

ENGINEER \_\_\_\_\_

REPRESENTATIVE \_\_\_\_\_

DATE \_\_\_\_\_

Please consult the "Ordering Guide" section in Nexus Valve Catalog for complete part number and ordering information.