



LA Series Lateral Three-Way True Union Ball Valves

1/2" TO 6" PVC AND CPVC

KEY FEATURES

- PVC and CPVC
- PTFE Seats
- FPM or EPDM O-Rings
- Double O-Ring Stem Seal
- Simplifies Lateral Connections
- Replaces Valve/Tee Connection Combinations
- Quick, Easy to Install
- Replacement for Zero Dead-Leg Valves

OPTIONS

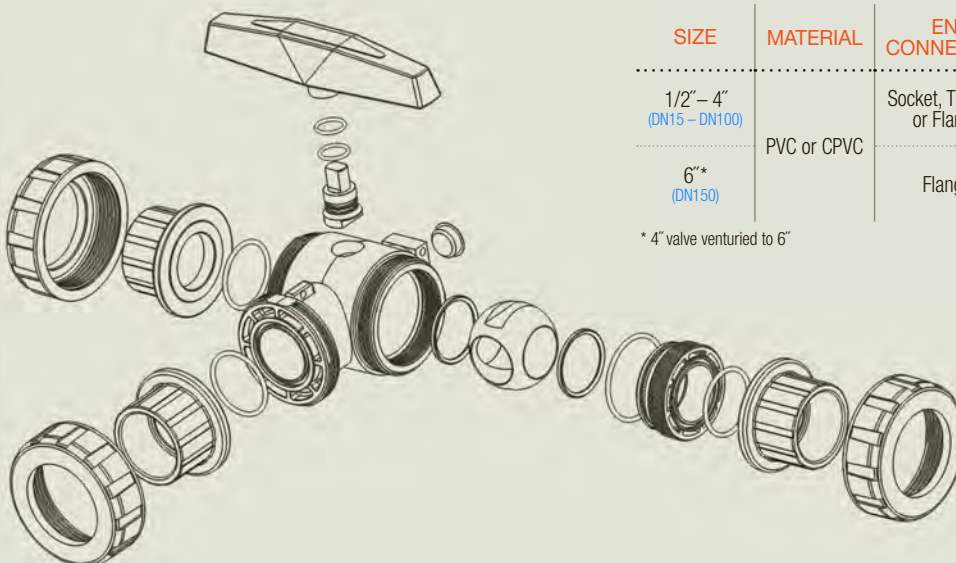
- Lockouts Available
- Pneumatic and Electric Actuators
- 90° Ball

MATERIALS

- PVC Cell Class 12454 per ASTM D1784
- CPVC Cell Class 23447 per ASTM D1784
- FPM and EPDM O-Ring Seals

TECHNICAL INFORMATION

EXPLODED VIEW



SELECTION CHART

SIZE	MATERIAL	END CONNECTION	SEALS	PRESSURE RATING
1/2" – 4" (DN15 – DN100)	PVC or CPVC	Socket, Threaded or Flanged	FPM or EPDM	150 PSI @ 70°F Non-Shock
6"* (DN150)		Flanged		

* 4" valve venturied to 6"

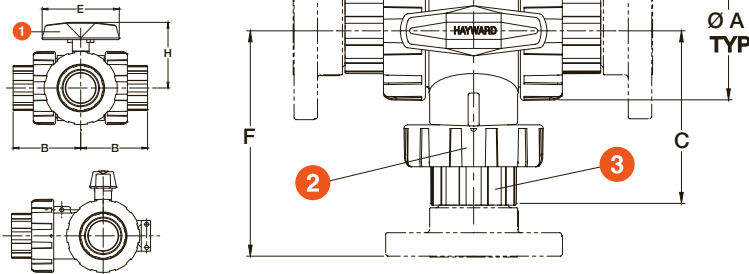
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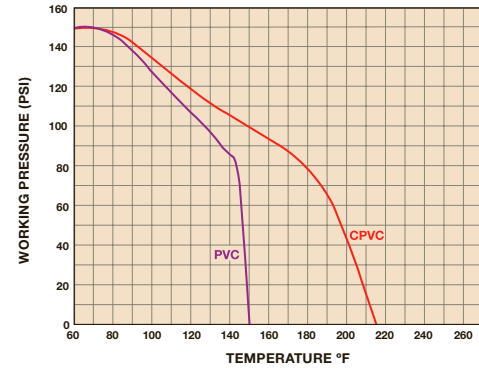
TECHNICAL INFORMATION, CONTINUED

PARTS LIST

1. Handle
2. Assembly Nut
3. End Connector



OPERATING TEMPERATURE/PRESSURE



DIMENSIONS

SIZE in/DN	A in/mm	B in/mm	C in/mm	E in/mm	F in/mm	G in/mm	H in/mm
1/2/15	2.25/57	2.30/58	3.29/84	3.50/89	3.87/98	6.72/170	1.70/43
3/4/20	2.63/67	2.56/65	3.57/91	3.50/89	4.60/117	7.50/191	2.93/74
1/25	3.00/76	2.98/76	4.14/105	4.00/102	4.77/121	8.50/216	3.23/82
1-1/4/32	4.75/121	4.39/112	5.94/151	4.00/102	5.19/132	11.54/293	4.19/106
1-1/2/40	4.75/121	4.30/109	5.87/149	4.00/102	6.00/152	11.85/301	4.19/106
2/50	4.75/121	4.38/111	6.00/152	5.00/127	6.75/171	12.25/311	4.19/106
2-1/2/65	6.40/163	5.90/150	7.59/193	10.50/267	8.68/220	15.92/404	5.35/136
3/80	6.40/163	5.90/150	7.59/193	10.50/267	8.72/221	16.00/406	5.35/136
4/100	8.56/217	7.00/178	9.33/237	10.50/267	10.44/265	18.88/480	6.85/174
6/150	8.56/217	N/A	N/A	10.50/267	11.25/286	20.25/514	6.85/174

Dimensions are subject to change without notice – consult factory for installation information

Cv VALUES

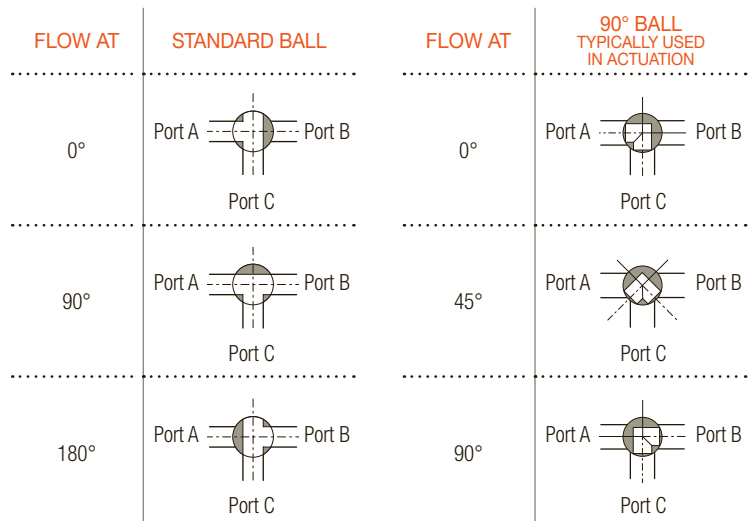
SIZE in/DN	Cv VALUES	SIZE in/DN	Cv VALUES
1/2/15	3.0	2/50	58.0
3/4/20	7.0	3/80	190.0
1/25	10.0	4/100	450.0
1-1/2/40	30.0	6/150	340.0

PRESSURE LOSS CALCULATION FORMULA

$$\Delta P = \left[\frac{Q}{Cv} \right]^2$$

ΔP = Pressure Drop
 Q = Flow in GPM
 Cv = Flow Coefficient

FLOW SCHEMATICS – TOP VIEW



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