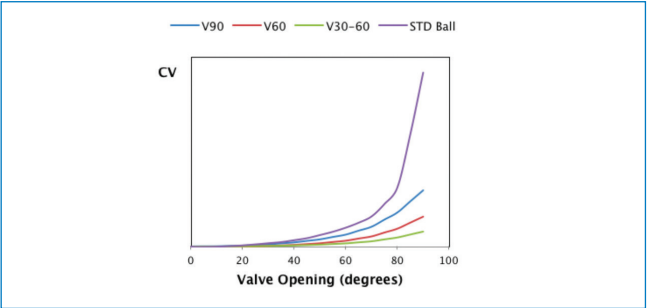





Below are shown the Cv flow coefficient curves and the types of balls available for the versions dedicated to control flow systems.



Typical Cv/Kv values

Ball type	Pressure class range	Opening (Degrees)	90°	
		SIZE [inch]	Kv	Cv
	PN16 - PN100 Class1 ANSI 150-600	1/2"	13,7	15,8
		3/4"	23,8	27,5
		1"	33,9	39,2
		1" 1/4	67,0	77,5
		1" 1/2	98,7	114,1
		2"	159,7	184,6
		3"	362,2	418,7
	PN16 - PN50 ANSI 150-300	4"	548,8	634,5
	PN16 - PN100 Class ANSI 150-600	6"	1288,6	1489,7
		1/2"	9,4	10,8
		3/4"	17,1	19,8
		1"	23,3	26,9
		1" 1/4	34,0	39,3
		1" 1/2	53,2	61,5
		2"	87,4	101,1
		3"	202,1	233,6
	PN16 - PN100 Class ANSI 150-600	4"	282,9	327,1
		6"	681,3	787,6
		1/2"	4,6	5,3
		3/4"	9,9	11,4
		1"	12,9	14,9
		1" 1/4	17,4	20,1
		1" 1/2	26,9	31,2
		2"	53,4	61,7
	PN16 - PN50 ANSI 150-300	3"	110,8	128,1
		4"	163,5	189,0
		6"	361,3	417,7
		F _t	-	-
		X _t	-	-
		F _t	0,50	0,50
		X _t	0,24	0,24
		F _t	0,5	0,5
		X _t	0,24	0,24

VALPRES

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WAFER

723-724 Series

ISO 5211 Direct mount

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N.191/A.1



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To ensure the quality and technical standards at the highest level, the manufacturer reserves the right to alter the specifications without notice.
This documentation supersedes and replaces all previous editions.

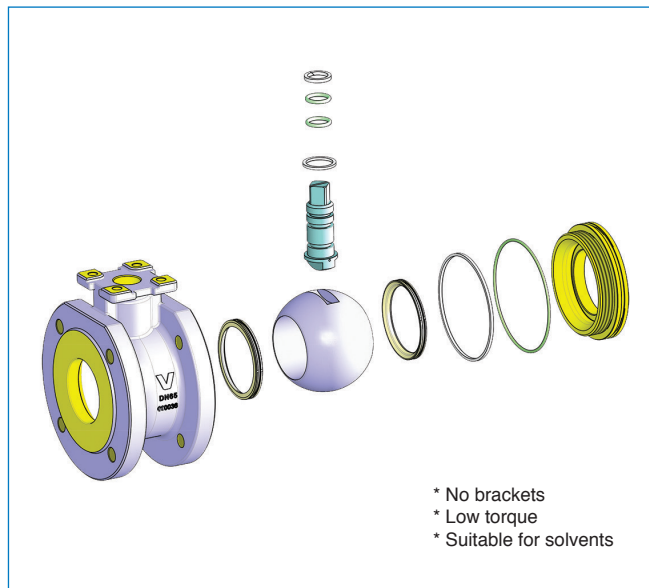


General information

Valpres is a company based in Marcheno (BS) Italy and is part of the worldwide Bonomi Group. Valpres is an International market leader in the manufacturing of industrial ball valves in flanged Wafer, Split Body, and three-piece designs. We build in accordance with many international standards such as ISO 9001, ISO 14001, OHSAS 18001, ISO 50001, API 6A and API 6D.

Series 723-724 product introduction

Valpres introduces the new compact and unique low-torque Wafer 723-724 valve series to meet the requirements of various and sophisticated flow control applications where actuation is the primary focus, and where cost is also critical. This series is designed and is ideally suited for direct mounting of pneumatic or electric actuation. In addition, the 723-724 series is also available for modulation service with a variety of V-ball options.



Features

- Designed for actuators direct mounting (no brackets and couplers)
- Low torque design, compatible with electric and pneumatic actuators
- Actuator valve interface plate according to ISO 5211
- Flanges meeting American (ANSI B 16.5) or European (DIN EN 1092-1) Standard
- Service: on-off or modulating (electric or pneumatic positioning)
- 316 stainless steel balls: full bore and V-ball
- Versatile choice of ball seat materials available
- Standard stem seals compatible with a broad variety of industrial application
- Optional Fire Safe design
- Available with bare stem or in pre-assembled actuation packages

Market

• Standard configuration



INDUSTRIAL



OEM



INSTALLER



DISTRIBUTOR



DESIGNER

• Custom configuration



OIL & GAS



MARINE



CHEMICAL



POWER &
RENEWABLE
ENERGY

Technical data

- Construction according to EN 12516
- Pressure and temperature ratings according to ASME B16.34 EN 12516-1
- Body flange according to EN 1092-1 (PN 16), ASME B16.5 (ANSI 150)
- Full port according to EN 1983
- Tested to EN 12266
- Manufacturing code: PED 2014/68/UE
- Face to face dimensions according to EN 558 basic series 100 gauge (2017)
- Operating temperature range: -4°F to 356°F / -20°C to 180°C
- Direct mount to ISO 5211 pad
- Triple stem seals - two Viton® [FKM] O-rings and one P.T.F.E seat
- Antistatic device
- Blowout proof square stem
- Optional V packing stem seals (Fire Safe)
- Stainless steel ball, full bore or optional V-ball design
- Sizes 1" ÷ 4" / DN 25÷100
- Materials: Body: A351-CF8M or A352-LCB
Stem: 17-4-PH
Ball: A351-CF8M or A351-CF8 / A182-F304
- TFM® ball seat standard (other materials on demand)



Bare stem Wafer ball valve



Direct connection Wafer ball valve with pneumatic actuator