



VALBOL

Válvulas Worcester de Argentina S.A.

Scraper Launcher and Receiver
Ball Valve

PIG - M16



Tecnología al servicio de la industria
Technology at the service of industry

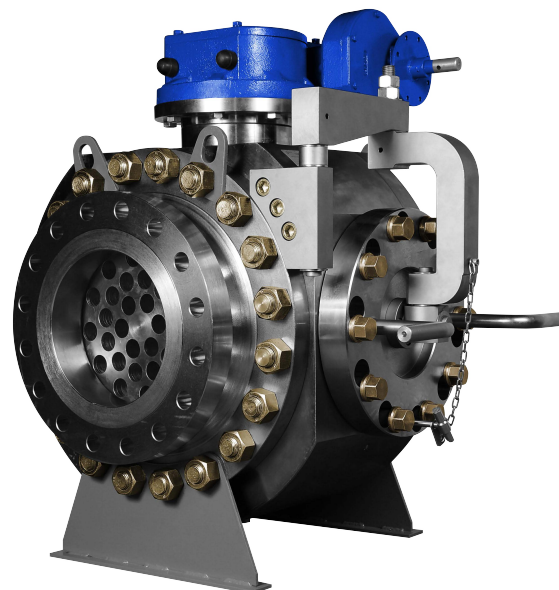
Easy **installation**

Sediment generates deposits that encrust pipelines, valves, pumps, and complementary well equipment.

Mineral scale removal services on main pipelines, whether steel or PRFV, make scraper launching valves a fundamental tool.

Our Model 16 ball valve (PIG) effectively performs the function of removing these deposits.

It provides effective cleaning. It is easy and safe to operate, requiring no tools. It requires little space in the launching and receiving facilities.



Considerable **cost reduction**

Low installation costs and low maintenance allow for launching and receiving piggy pigs and spherical scrapers.

Designed in series 150 to 900. Available in diameters from 2" to 16", bodies made of ASTM A105 / ASTM A216 WCB + ENP / AISI 316 / DUPLEX steel.

It features a double-guided ball, metal seats with De-vlon or nylon inserts, lever or gearbox operation, and a full-passage Bottom Entry/Side Entry design.

It features an inlet for loading the pig and a grid-type stop in the receiving valve to stop the scraper element.

In bypass systems, it provides shorter installation times and the possibility of being used as a traditional shut-off valve, allowing the overall assembly to cost 45% less than a conventional system.



Characteristics

General

Blocking and Venting:
Double.

ASME Series:
150 / 300 / 600 / 900.

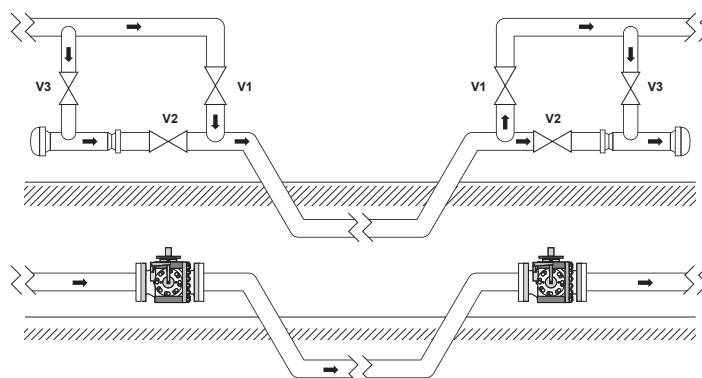
Size:
2" to 16".

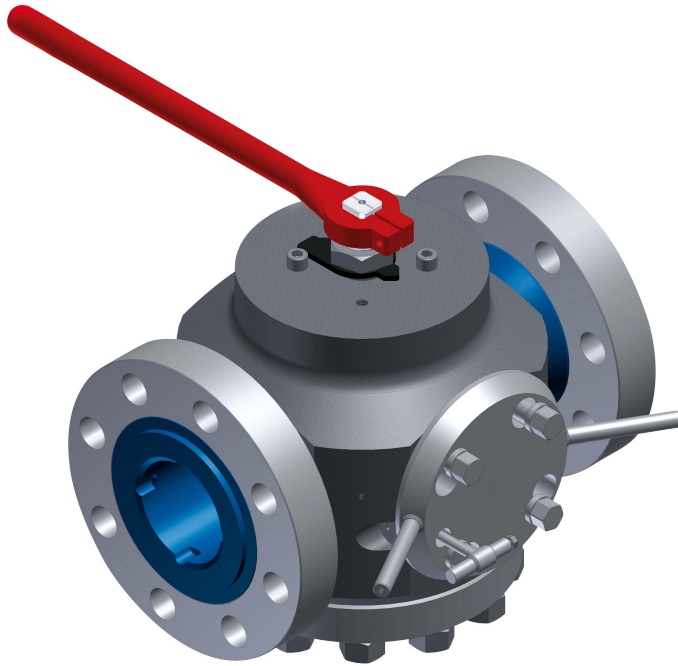
Bore:
Full Bore.

Seats:
Metallic

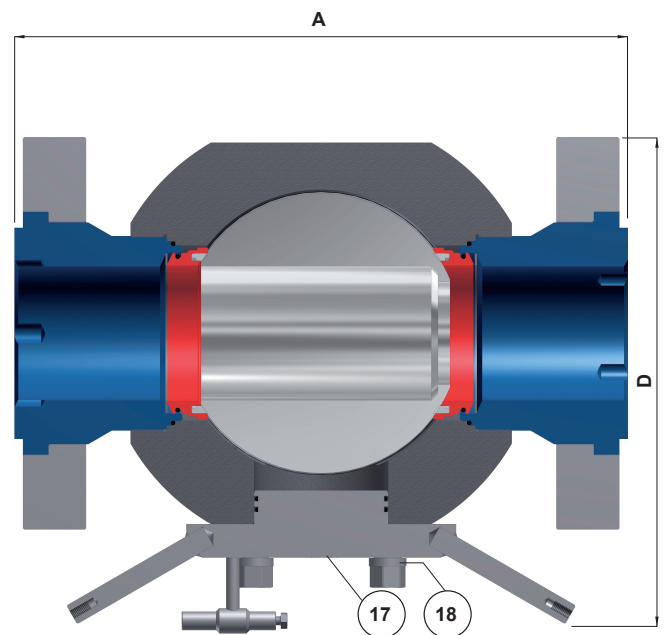
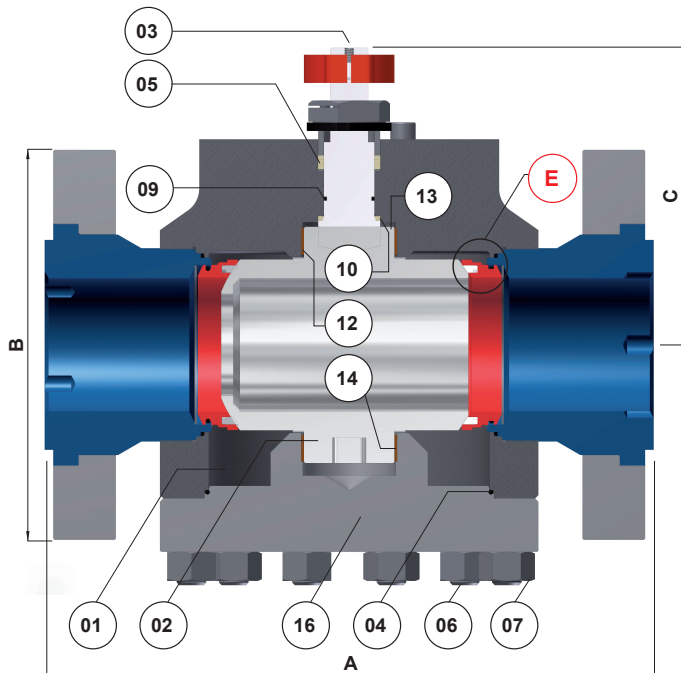
Flange:
ASME Class RF, RTJ.

Standard vs Pig Connection System






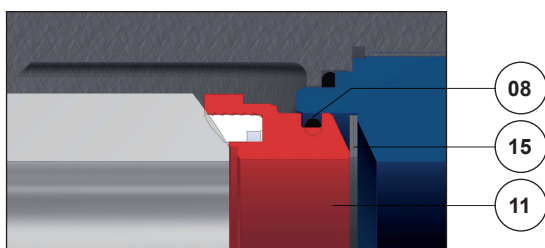
Overall dimensions and components of the **PIG Valve**



Dimensions

Ø	Unit	A	Ø B	C	D	Ø Maximum nominal x Scraper length
2"	mm	292.1	165	159.1	295.0	 52 X 106
	in.	11.5	6.0	6.26	11.61	2.05X 4.17
3"	mm	356.0	209.6	213.0	328.0	90 X 140
	in.	14.13	8.25	8.38	12.91	3.54 X 5.51
4"	mm	431.8	273	228.0	354.5	100 X 160
	in.	17.00	10.0	8.98	13.96	3.94 X 6.29
6"	mm	558.8	355.6	363.0	520.0	158 X 255
	in.	22.0	14.0	14.29	20.47	6.22 X 10.04
8"	mm	660.4	419.1	390.0	670.0	230 X 250
	in.	26.0	16.5	15.35	26.4	9.06 X 9.84
10"	mm	787.0	508.0	500.0	850.0	280 x 330
	in.	34.3	20.0	19.7	33.5	11.0 x 12.99
12"	mm	838	560	550	1080	334 X 325
	in.	32.99	22.04	21.65	42.51	13.14 X 12.79
14"	mm	889	603	688	1350	356 x 534
	in.	35	23.7	27.1	53.1	14 x 21
16"	mm	991	686	713	1039	406 x 609
	in.	39	27	28.1	41	16 x 24

Detail E



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|-----------------|---------------------|--------------------------|
| 01 Large body | 07 Nut | 13 Guide support |
| 02 Ball | 08 Body-seat O-ring | 14 Guide support bushing |
| 03 Stem | 09 Stem-bush O-ring | 15 Spring washer |
| 04 Body O-ring | 10 Stem-body O-ring | 16 Bottom cover |
| 05 Stem bushing | 11 Seat | 17 Side cover |
| 06 Stud | 12 Support ring | 18 Cover bolt |

Note: Dimensions are general for S.600, there may be differences in each series, please consult us.