

Pig Valve [CPVP]

Standard: API 6D

DN 65(2 1/2) ÷ DN 150(6)
Class 600

Applications

- Pig Valves are widely found in oil, water and gas industry for manipulating with device (variety types of pigs) for cleaning the pipe of impurities which are collected on inside diameter of wall during flow.
- Applied for inserting pigs in pipeline and launching, as well as for receiving and removing them.

Materials

- Body and cover are made of carbon, Cr-Mo or stainless steel
- Plug is made of stainless steel
- The body seat ring are made of cooper alloy
- The cover and body seat ring gaskets are made of VITON

Production and delivery

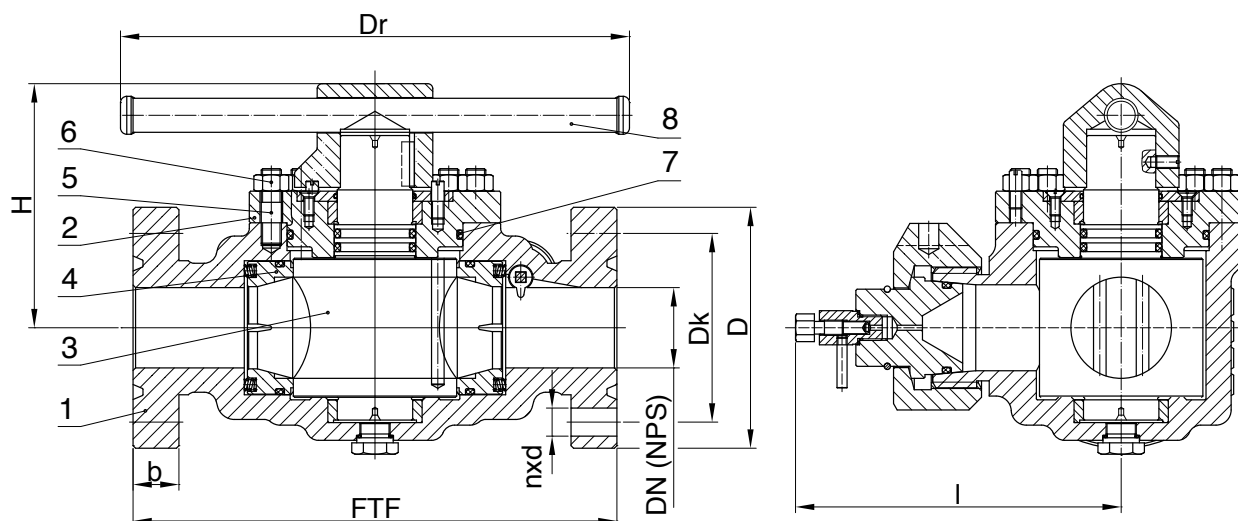
- Pig Valve is designed and manufactured in accordance with API Spec. 6D.
- Flange connections are in accordance with ASME B16.5, RJ (Ring Joint).
- Threaded ends are in accordance with API Std. 5B.
- Instalation lengths are in accordance with ASME B16.10

Testing

- Every produced Pig Valve was tested in accordance with API Spec. 6D and API 598.

Instruction for Installation

- Before installation and first run connecting pipeline should be thoroughly cleaned of foreign particles that may damage the body seats on the occasion of the plug closing



Drawing E.2.1 Parts and dimensions

List of materials

Table E.2.1

Item	Part	Material Group acc. to ASME B16.34 and ASTM Spec.			
		Application			
		-29°C÷121°C	-40°C÷121°C	-50°C÷121°C	-50°C÷121°C
1	Body	A216 WCB	A352 LCB	A217 CA15	A351 CF8M
2	Cover	A216 WCB	A352 LCB	A217 CA15	A351 CF8M
3	Plug	A217 CA15			A351 CF8M
4	Body seats	B148 9A			
5	Stud Bolts	A193 B7	A193 B7M ^{a)}	A193 B7	A193 B8M
6	Nuts	A194 2H	A194 2HM ^{a)}	A194 2H	A194 8M
7	Cover Gasket	VITON			
8	Lever	A53 A			

a) In compliance with NACE MR 0175

[CPVP] Dimensions

Table E.2.2

Class 600									
DN (NPS)	D	Dk	H	d	n	l	FTF	Dr	kg
	[mm]								
65(2 1/2")	190	149,2	193	22,2	8	260	385	405	69
80(3")	210	168,3	200	22,2	8	269	425*	405	97
100(4")	275	215,9	430	25,4	8	293	485*	400**	210
150(6")	355	292,1	440	28,6	12	367	620*	400**	378

* Manufacturer Standard

** With gearbox