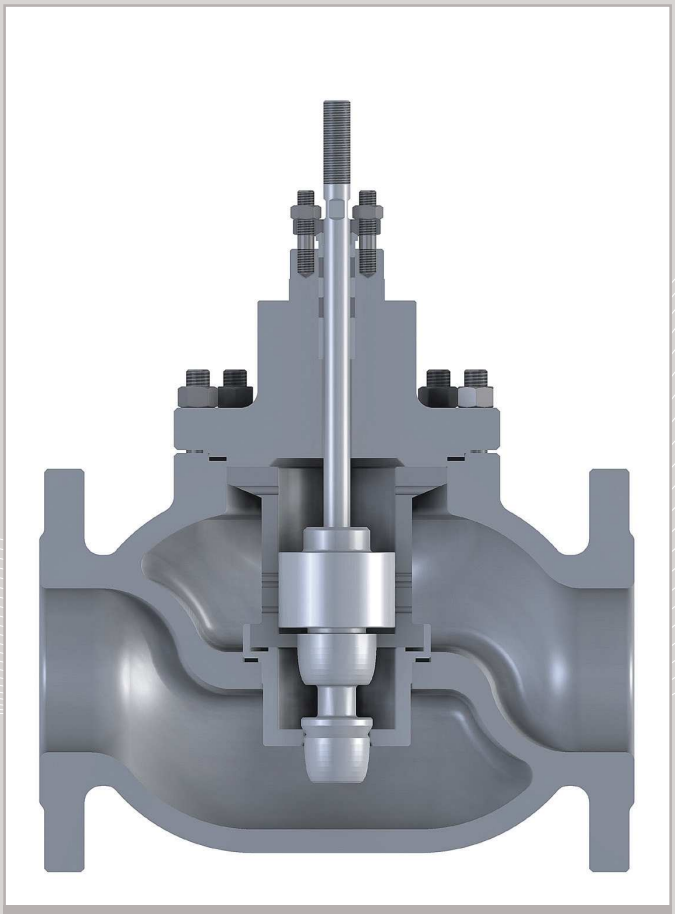
HCVB6 Valve



Application

Regulatory valve of HCVB6 type is ready to perform with heavy erosive media. It is suitable to control the highly demanding parameters, also during infinite critical conditions. Advantage of this valve is high coefficient of the pressure recycling. It is very useful if there is a risk of high decompression. Thus, can work as injection valve, steam pressure reduction valve, and in bypass pumping.

Description

HCVB6 is straightway valve. Basically, it consists of body topped by the bonnet and of three-step seat-and-plug unit. The seat (inserted to the body and tighten by bonnet) can be all-in-one or divided. Both the bonnet and the seat are sealed with graphite spiral wound gaskets (placed in channels). Thus, disassembly and assembly of the valve are easy and do not require any special tools. Three-step reduction of pressure is of recycling type. Profiled parts of the plug perform first two steps, and piston-type part does the third one. HCVB6 valve works with media flow directed under the plug.

Technical data

Nominal diameter	DN15÷DN150			
Nominal pressure	PN10÷PN400			
Connections	bolted flanges; welding ready			
Flow coefficient Kvs	0,1÷125 m^3/h			
Body	1.0460 (P250GH) 1.0619 (GP240GH) 1.5415 (16Mo3) 1.7335 (13CrMo4-5)	1.5419 (G20Mo5) 1.7357 (G17CrMo5-5) 1.4541 (X6CrNiTi18-10) 1.4404 (X2CrNiMo17-12-2)	1.4308 (GX5CrNi19-10) 1.4408 (GX5CrNiMo19-11-2) 1.7380 (10CrMo9-10) 1.7715 (14MoV6-3)	1.4903 (X10CrMoVNb9-1) 1.4901 (X10CrWMoVNb9-2) 1.7379 (G17CrMo9-10) 1.6368 (15NiCuMoNb5-6-4)
Plug	1.4541(X6CrNiTi18-10)	1.4057(X17CrNi16-2)	1.4125 (X105CrMo17)	titanium BT-9
Seat	1.4541(X6CrNiTi18-10)	1.4057(X17CrNi16-2)	1.4125 (X105CrMo17)	titanium BT-9
Stem	1.4057 (X17CrNi16-2)	1.4923 (X22CrMoV12-2)		
Hardening of the inner parts	stelliting; nitriding; hardening			
Rangeability	50:1			
Leakage class	metal/metal sealing – IV (standard); V (improved)			
Body's gland	spiral, metal+graphite			
Seal bushing	graphite; PTFE			

Industrial Automatics Enterprise INTEC Ltd. Co.
ul. Bacciarellego 54, 51-649 Wrocław, Poland
tel./fax: + 48 71 348 18 18, e-mail: biuro@intec.com.pl
www.intec.com.pl

WAKMET Industrial Valves Factory Ultd.
Bodzanów 75, 48-340 Głuchołazy 1, Poland
tel./fax: + 48 77 439 40 20, e-mail: wakmet@wakmet.com.pl
www.wakmet.com.pl