



DP-303k FLANGED BALL VALVE LINED FEP, PFA

according to PN-EN, DN15÷DN80 with full bore, DN100 with reduced bore

DIAMETER RANGE

from DN15 to DN100

CHARACTERISTIC

Ball valves type DP-303k are cut-off dismantlable valves. In diameter range DN15÷DN80 valves have full bore and in diameter DN100 valves have reduced bore. Flanged connections are executed according to PN-EN 1092-1:2006. Ball valves are lined with FEP or PFA. Moreover, in case of increased wear and frictions, instead of PTFE it can be used ceramic ball, what automatically increases resistance of valve to wear and improves its mechanical properties. Valves can be assembled on vertical or horizontal pipelines in any position, but they should work only in completely open or completely closed position. Valves have also simple construction and can be regenerated. There is possibility of antistatic execution which protects against static charges (ANTISTATIC).

WORKING PARAMETERS

Nominal pressure:

C4-PN6, C5-PN10, C1-PN16

Temperature:

T1 - from -30°C to +150°C

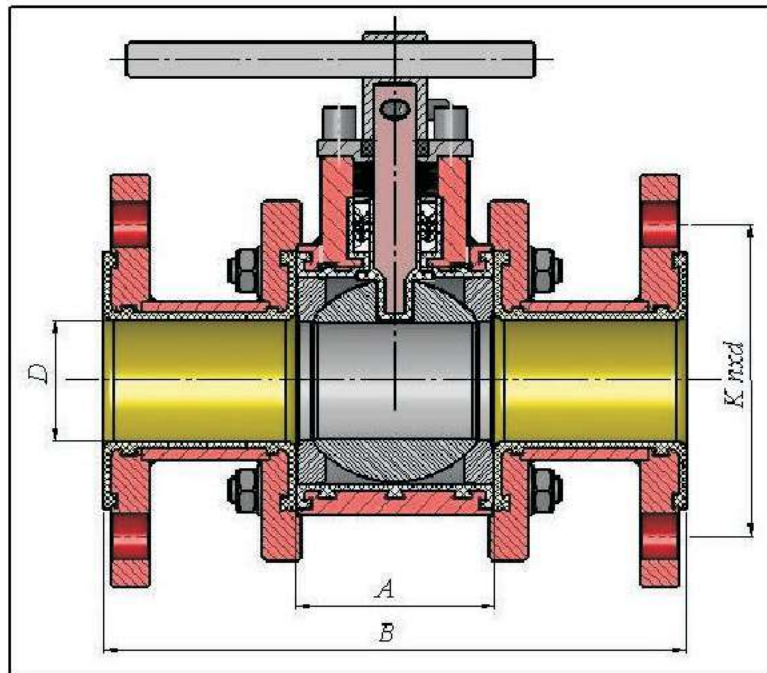
T2 - from -30°C to +200°C

T4 - from -30°C to +250°C

PART	EXECUTION	
	FEP	PFA
Material specification		
Lining:	FEP	PFA
Body:	1.0050	1.0050
Ball:	PTFE or ceramic	PTFE or ceramic
Stem:	1.4571	1.4571
Ball seals:	PTFE	PTFE
Stem seals:	PTFE	PTFE
Handle:	1.4571	1.4571
Anticorrosive protection:	PAINTING COAT	PAINTING COAT
Application:	- diluted and concentrated organic and inorganic acids, - alkalis and saline solution, - organic solvents, - halogens and ozone It is not resistant in: - melt of sodium and potassium, - fluohydric acid (35% to conc.) at 100°C, - formic acid (10% to conc.) at 150°C, - acetic acid (10% to conc.) at 150°C	- diluted and concentrated organic and inorganic acids, - alkalis and saline solution, - organic solvents, - halogens and ozone

Ball valve can be provided with following additional equipment:

- pneumatic or electric drive (possible Ex execution)
- worm gear
- limit signal indicator (possible Ex execution)
- column
- possibility of sealing or padlocking



L - Building length according to EN 558-1 : 1995 series 1

DN	15	20	25	32	40	50	65	80	100
B	130	150	160	180	200	230	290	310	350
A	38	46	52	65	67	78	90	110	130
D	13	18	24	32	38	48	62	76	96
weight(kg)	2,0	3,0	4,0	6,0	8,4	11,2	11,5	20,5	29,0
Flanges according to PN EN 1092-1:2006, PN 6									
K	55	65	75	90	100	110	130	150	170
dxn	11x4	11x4	11x4	14x4	14x4	14x4	14x4	18x4	18x4
Flanges according to PN EN 1092-1:2006, PN 10									
K	65	75	85	100	110	125	145	160	180
dxn	14x4	14x4	14x4	18x4	18x4	18x4	18x4	18x8	18x8
Flanges according to PN EN 1092-1:2006, PN 16									
K	65	75	85	100	110	125	145	160	180
dxn	14x4	14x4	14x4	18x4	18x4	18x4	18x4	18x8	18x8

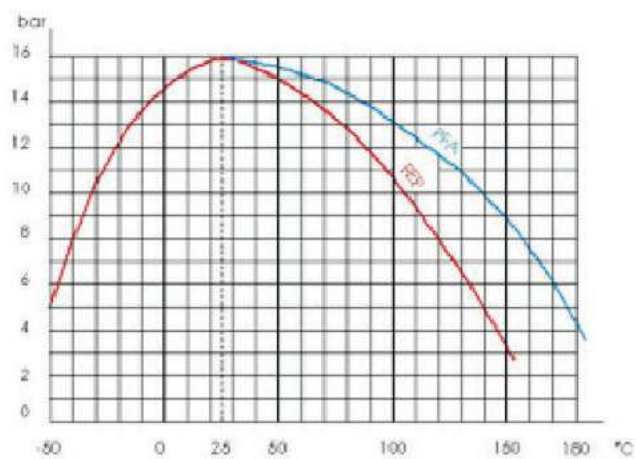


diagram of temperature and pressure relation