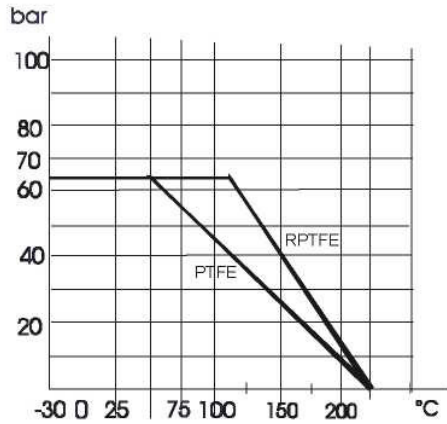
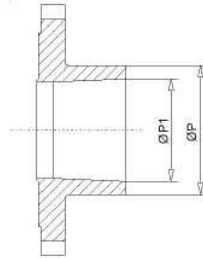


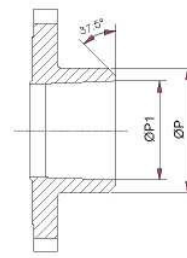
Pressure / Temperature graph  
for PTFE and RPTFE seats



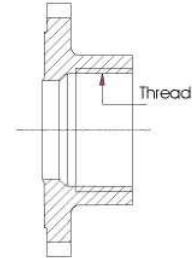
BW weld end  
ISO/SCH10



BW end DIN



Thread end BSPP



### Properties of Hastelloy C

One of a series of alloys on nickel, cobalt and iron base, known for their high corrosion resistance at high temperatures. Very corrosion resistant to moist chlorine, hydrous chlorine solutions, chlorides and hypochlorides, sulphur, phosphorous, acetic and formic acid.

The high Molybdenum content makes the alloy particularly resistant to pitting and crevice corrosion. Used in chemical processing, pulp and paper production and waste treatment.

### Break torques $L_B$ (Nm) for lubricating medium

DN	10	15	25	40	50
$L_B$	10	10	18	39	50

### Chemical analyse of Hastelloy

A494 CW2 MW  
HC-276 / 2.4819

C %	Si %	Mn %	P %	S %	Cr %	Mo %	Ni %
< 0.015	< 0.08	< 1	< 0.025	< 0.015	14.5 - 16.5	15-17	balance
V %	Co %	Fe %	Cu %	W %			
< 0.35	< 2.5	4-7	< 0.5	3-4.5			

A494 CW12 MW  
2.4537

C %	Si %	Mn %	P %	S %	Cr %	Mo %	Ni %
< 0.1	< 1	< 1	< 0.045	< 0.03	14 - 18	15-18	> 52
V %	Co %	Fe %	Cu %	W %			
< 0.2-0.4		< 7	< 0.5	3 - 5			

### Allowed Vacuum of the series 30 ball valves

0.1 mbar/150 °C

### Body and seat pressure test of the series 30 ball valves

according to DIN 3230 BA/BO