

Flanged Type Backflow Preventer

Fig. 6820

Specification

Design in accordance with AWWA C511, ASSE 1013, GB/T 25178.

Flanges comply with EN1092-2, ISO 7005, ANSI B16.5, GB/T 9119

Pressure test according to standards AWWA C511, ASSE 1013, GB/T 25178

Technical data

Working Pressure: 16bar (Other pressure ratings available)

Dimensions: DN50~DN200

Test Pressure: Shell: 24bar

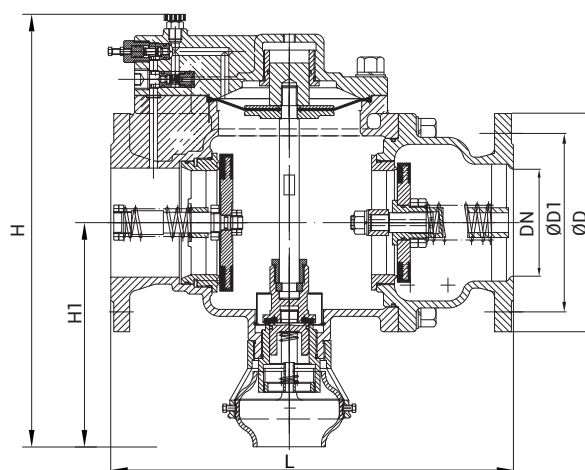
Seal: 17.6bar

Working Temperature: -20°C~80°C

Material Specifications

Part Name	Materials	Specification
Body	Ductile Iron	A536 65-45-12
Seat	Stainless Steel	A351 CF8
Disc	Stainless Steel+NBR	AISI 304
Stem	Stainless Steel	AISI 304
Spring	Stainless Steel	AISI 304
Reversing Valve	Stainless Steel	AISI 304
Regulating valve	Stainless Steel	AISI 304
Moving Com.	NBR+Stainless Steel	AISI 304
Bonnet	Ductile Iron	A536 65-45-12
Balance Bar	Stainless Steel	AISI 304
Stem	Stainless Steel	AISI 304
Lock Nut	Stainless Steel	AISI 304
Disc	Stainless Steel	AISI 304
Splash Guard	Ductile Iron	A536 65-45-12

Schematic



Dimensions

DN	mm	50	65	80	100	125	150	200
	inch	2	2-1/2	3	4	5	6	8
L		320	360	369	406	430	480	572
H1		195	195	215	226	240	252	286
H		364	365	412	436	435	498	585
ØD		165	185	200	220	250	285	340
ØD1		125	145	160	180	210	240	295

WA reserves the right to change dimensions without notice.