



PRESSURE REDUCING & RELIEF
VALVES



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Pressure Reducing Valve



SIZE RANGE	40mm to 200mm
BODY PATTERN	Globe or Angle
MAXIMUM WORKING TEMPERATURE	Up to 82°C (180°F)
INLET CONNECTION	Threaded, Flanged or Grooved
OUTLET CONNECTION	Threaded, Flanged or Grooved
MATERIAL	Ductile Iron - ASTM A536
FINISH	Red Epoxy Coated
APPROVALS	UL Listed

Type

Connection Type

Sizes

Quantity



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Description	Technical Specifications	Download
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Specifications

Size	Class 175 lb	40 mm- 200 mm (Globe)
		50 mm - 150 mm (Angle)
	Class 300 lb	40 mm - 200 mm (Globe)
		50 mm - 150 mm (Angle)
End Details	150 ANSI B16.42 (Ductile Iron) (Bronze)	
	300# (Ductile Iron)	
	300# (Cast Steel)	
	300# (Ductile Grooved End)	
Pressure Differential	0.7 Bar Min.	
Pressure Adjustment Range	Class 175 lb. 2 - 11.3 Bar	
	Class 300 lb. 2 - 11.3 Bar	
Temperature Range	Water to 82°C Max	

Materials

Main valve body & cover	Ductile Iron - ASTM A536
Main valve internal trim	Stainless Steel 316 seat and disc guide
	Stainless Steel 303 stem, stem nut and cover bearing
Pilot control system	Bronze ASTM B62 with Stainless Steel 303 internal trim
Pilot control valve	Stainless Steel 303 tubing with Stainless Steel 316 fittings



Main valve and pilot valve	diaphragm and disc: Buna-N® synthetic rubber
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Flow Capacity Table

Value Size mm	40	50	65	80	100	150	200	250
Max Flow Rate LPM of Water	606	992	1412	2180	3755	8521	14763	23280

Dimensions

Value Size (mm)	40	50	65	80	100	150	200	250
A Threaded	184	238	279	318	-	-	-	-
AA 150 ANSI	216	238	279	305	381	508	645	756
AAA 300 ANSI	229	254	194	337	397	533	670	790
AAAA Grooved	216	228	279	318	381	508	645	-
B	28	38	43	65	81	109	135	235
BB Grooved	52	54	73	6.00	4.13	6.00	184	-
C (Max)	140	161	192	208	270	340	406	435
CC (Max) Grooved	104	127	175	165	223	281	369	-
D	71	84	102	116	146	200	254	300
DD Grooved	71	84	102	116	146	200	254	-
E Threaded	83	121	140	159	-	-	-	-
EE 150 ANSI	102	121	140	152	191	254	324	378
EEE 300 ANSI	108	127	149	162	200	267	349	395
EEEE Grooved	-	121	-	152	191	-	-	-
F Threaded	48	83	102	114	-	-	-	-
FF 150 ANSI	102	83	102	102	127	1552	203	219
FFF 300 ANSI	108	89	109	111	135	165	216	236
FFFF Grooved	-	121	-	114	127	-	-	-
G (Max)	191	197	197	203	228	241	267	292
GG (Max)	206	203	-	207	236	267	292	-

UL Listings

Size mm	Ductile Iron 150# F	Ductile Iron 300# S	Ductile Iron 300# F	Bronze 300# Threaded	Cast Steel 300# F	Globe Pattern Ductile Iron Grooved End	Angle Pattern Ductile Iron Grooved End
40	UL	UL	UL	UL		UL	
50	UL	UL	UL	UL	UL	UL	UL
65	UL		UL	UL	UL	UL	
80	UL	UL	U	UL	UL	UL	UL
100	UL		UL		UL	UL	UL
150	UL		UL		UL	UL	
200	UL		UL			UL	
250							

Related Products

104FF NRS Resilient Wedge Gate Valve

114GG NRS PIV Gate Valve (Grooved)

215 Butterfly Valve (Wafer)





DN50 - DN300 (2" - 12"), UL Listed, FM Approved, CNBOP Certified



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302 ANSI Swing Check Valve (Flanged)



Flanged Swing Check Valve with connection sizes 50mm - 300mm (2" - 12"), FM and LPCB Approved, UL Listed



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100mm - 300mm (4" - 12"), FM Approved, UL Listed



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702 ANSI Y-Type Strainer (Flanged)



Flanged Y-Type Strainer with connection sizes 50mm - 300mm (2" - 12") UL Listed



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50mm - 300mm (2" - 12"), FM Approved, UL Listed, VdS, Gost



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