



Product Catalogue

Valves & Actuators

Issue 02



It's all at Albion

A subsidiary of Albion Valves (UK) Ltd

Contents

Albion Valves (International) Limited

Valves & Actuators Issue 2

Albion's story started more than 40 years ago in the UK with a single gas-approved brass ball valve. Since then, we have come a long way; we now offer a comprehensive range of valves worldwide, which boasts over 5,000 product lines and includes everything from a simple ball valve to more intelligent valves, such as our hydronic balancing range.

Our product range isn't the only expansion here at Albion, our team has grown exponentially too. The founding of Albion Valves (International) Limited in 2017 and the appointment of the team has given us a whole host of local knowledge and expertise in the MENA region. The vast stock holding in the Jebel-Ali Free Zone also enables our customers in the MENA region to experience the same great service that our UK-based customers have come to expect from us.

Our highly-skilled personnel in both the UK and the MENA region allows us to provide exceptional customer service to the whole supply chain; so whether you deal with our sales or projects team, or our quality and technical departments, you can rest assured that you're in safe hands!

And that leaves us where we are today, as one of the UK's leading valve brands, and with a growing reputation for excellence in the MENA region, supplying exclusively to our network of independent distributors.



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Albion Valves has been a trusted supplier to the UK's HVAC and industrial markets for over 25 years, and the Albion brand has been around for over 40 years within other UK markets! We are well-known for our expertise and experience in the UK, and have supplied many prestigious projects such as University College London Hospital (UCLH), Liverpool Training Academy and the London Olympic Village in the UK and the Burj Khalifa, The Pearl - Qatar, Oman Botanic Garden and the Viva Bahriya in the MENA region.

Image: PRV factory in Germany



Quality All of our valves are designed and manufactured in accordance with the relevant industry standards, therefore all threads comply with ISO 7/1, ISO 228/1 or ANSI B1.20.1, all raw materials are in accordance with EN 10204 and valves conform to the relevant British, European and International specification standards, for example, EN 1092 for flange connections and ISO 4144 for stainless steel fittings. After production, the valves are then subject to rigorous batch testing and are inspected by our own independent team for quality and compliance. Where appropriate, valves carry product approvals, such as, WRAS, EN331, EN161, ATEX, TMV2 and TMV3, this ensures we only supply reliable and quality products that deliver optimum performance. As a socially responsible company we are proud to conform to ISO 9001, ISO 14001 and ISO 45001.

Image: Hydronic factory in Italy

Service Having excellent customer service is a difficult claim to quantify, but having won numerous customer service awards for our performance, we can say it with complete confidence.

With dedicated departments for scheduling, quality and marketing, as well as sales teams based in the UK and throughout the MENA region, you can rest assured whatever it is you need, we are always on hand and happy to help.

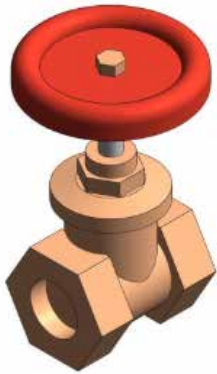
Delivery We know how important it is to have the right products on time every time, that is why we guarantee 95% stock availability at all times. Stock is held in the UK, the Jebel Ali Free Zone and various distributors are holding stock locally in the Middle East, this enables us to provide a next-day delivery service throughout the UK and keep lead times to a minimum throughout the MENA region.

Image: Actuated valves from the UK



Choice With over 5,000 valves and fittings suitable for the heating, air conditioning and plumbing markets we are able to supply a complete valve solution for any building services job from under one roof, and that's why we say 'It's all at Albion'.

Image: Cast & Ductile Iron factory in China



BIM Building Information Modelling (BIM) is becoming increasingly popular within construction sector projects due to the efficiency it provides. It allows for a system to be generated digitally from the early stages of the design, therefore saving time, pre-empting potential problems and reducing waste during installation.

To assist you with your future projects, we have created BIM components for our building services range, these are available for free download from www.albionvalvesuk.com or from the bimstore.

Image: ART 330HW BIM component



UCLH is a teaching hospital based in London. Albion supplied the new-build project with static and dynamic balancing valves, safety valves and a range of isolation valves, which form part of the hospital's HVAC systems.



High-rise commercial & residential buildings. Albion have supplied isolation and commissioning valves for many high-rise buildings throughout London, such as Canary Wharf, South Bank and Sugar Quay.



Burj Khalifa is known as one of the world's tallest buildings, based in Dubai. Albion has supplied its On-Off and modulating actuated butterfly valves for the new ETS station, which is a part of the project to increase the cooling capacity.



ART 340

PN40 Bronze Ball Valve F/F Ends BSP Taper (ISO 7/1) or NPT (ANSI B1.20.1)

- Full Bore • 40 Bar Rated • -10°C to +140°C
- MSS-SP-110 • WRAS Approved

	F		F
1/2"	54	1 1/2"	94
3/4"	62	2"	109.5
1"	74		
1 1/4"	85		



ART 50

2 Piece DZR Brass Ball Valve BSP Taper F/F Ends (ISO 7/1)

- Full Bore • 40 Bar Rated • -20°C to +130°C
- WRAS Approved

	F		F
1/4"	45	1"	77
3/8"	45	1 1/4"	88
1/2"	57	1 1/2"	99
3/4"	67	2"	121

Tee handle Lever



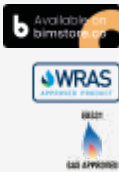
ART 50 c/w 97X

2 Piece DZR Brass Ball Valve BSP Taper F/F Ends (ISO 7/1) c/w Thermal Extension

- Full Bore • 40 Bar Rated • -20°C to +130°C
- WRAS Approved

	F		F
1/2"	57	1 1/2"	99
3/4"	67	2"	121
1"	77		
1 1/4"	88		

Lever



ART 40P

2 Piece Brass Ball Valve BSP Parallel F/F Ends (ISO 228/1)

- Full Bore • 40 Bar Rated (1/4" - 2")
- 25 Bar Rated (2 1/2" - 4") • -20°C to +140°C
- WRAS + EN331 Gas Approved

	F		F		F
1/4"	45	1"	77	2 1/2"	146
3/8"	45	1 1/4"	88	3"	168
1/2"	57	1 1/2"	99	4"	199
3/4"	67	2"	121		

Tee handle Lever



ART 40P c/w 97X

2 Piece Brass Ball Valve BSP Parallel F/F Ends (ISO 228/1) c/w Thermal Extension

- Full Bore • 40 Bar Rated
- -20°C to +140°C • WRAS + EN331 Gas Approved

	F		F
1/2"	57	1 1/2"	99
3/4"	67	2"	121
1"	77		
1 1/4"	88		

Lever



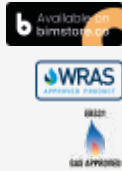
ART 40P c/w 257C

2 Piece Brass Ball Valve BSP Parallel F/F Ends (ISO 228/1) c/w Locking Device

- Full Bore • 40 Bar Rated (1/4" - 2")
- 25 Bar Rated (2 1/2" - 4") • -20°C to +140°C
- WRAS + EN331 Gas Approved

	F		F		F
1/2"	57	1 1/2"	99	4"	199
3/4"	67	2"	121		
1"	77	2 1/2"	146		
1 1/4"	88	3"	168		

Locking Lever



ART 89

Brass Ball Valve Compression Ends (BS EN1254-2)

- Full Bore • 25 Bar Rated • -20°C to +110°C
- WRAS + EN331 Gas Approved

F	F
15mm 71	42mm 123
22mm 82	54mm 144
28mm 92	
35mm 109	

Tee handle ● ● ● Lever ● ● ●



ART 59

DZR Brass Ball Valve Compression Ends (BS EN1254-2)

- Full Bore • 25 Bar Rated • -10°C to +110°C
- WRAS Approved

F	F
15mm 71	42mm 123
22mm 82	54mm 144
28mm 92	
35mm 109	

Tee handle ● ● Lever ● ●



ART 257C

Locking Device

- To suit ART 40, 41, 50, 59 & 89 series
- Consult product datasheet for more details

1/2" C1	1 1/2" C3	4" C5
3/4" C1	2" C4	
1" C2	2 1/2" C5	
1 1/4" C3	3" C5	

Handle ● ● ●



ART 96

Extended Tee Handle

- To suit ART 40, 41, 50, 59 & 89 series
- Supplied with red and blue caps
- Consult product datasheet for more details

1/2" - 15mm	1B
3/4" - 22mm	1B
1" - 28mm	2B



ART 97C & ART 97X

Thermal Extension

- To suit ART 40, 41, 50, 59 & 89 series
- Consult product datasheet for more details

1/2" - 15mm	1B	1 1/4" - 35mm	3B
3/4" - 22mm	1B	1 1/2" - 42mm	3B
1" - 28mm	2B	2" - 54mm	4B



ART 55 PRS

DZR Brass Ball Valve Press Ends

- Full Bore • 24 Bar Rated (15mm) • 20 Bar Rated (22mm & 28mm) • 17 Bar Rated (35mm - 54mm) • -10°C to +140°C • Universal M + V Press 15mm to 35mm • Dedicated M + V Profiles 42mm and 54mm • Thermal extension available • 5 Year Guarantee
- WRAS Approved

F	F
15mm 78	42mm 133
22mm 91	54mm 155(M) 163(V)
28mm 99	
35mm 107	

Lever ● ● ●



ART 971

Thermal Extension

- To suit ART 55PRS
- Consult product datasheet for more details

	F		F
15mm	1C	35mm	2C
22mm	1C	42mm	3C
28mm	2C	54mm	3C



ART 40T

2 Piece Brass Ball Valve BSP Taper F/F Ends (ISO 7/1)

- Full Bore • 40 Bar Rated (1/4" - 2") • 25 Bar Rated (2 1/2" - 4") • -20°C to +140°C
- WRAS + EN331 Gas Approved

	F		F		F
1/4"	45	1"	77	2 1/2"	146
3/8"	45	1 1/4"	88	3"	168
1/2"	57	1 1/2"	99	4"	199
3/4"	67	2"	121		

Tee handle ● ● ●

Lever ● ● ●



ART 40NPT

2 Piece Brass Ball Valve NPT F/F Ends (ANSI B1.20.1)

- Full Bore • 40 Bar Rated (1/4" - 2") • 25 Bar Rated (2 1/2" - 4") • -20°C to +140°C • WRAS Approved

	F		F		F
1/4"	45	1"	77	2 1/2"	146
3/8"	45	1 1/4"	88	3"	168
1/2"	57	1 1/2"	99	4"	199
3/4"	67	2"	121		

Tee handle ● ● ●

Lever ●



ART 41

2 Piece Brass Ball Valve BSP Parallel M/F Ends (ISO 228/1)

- Full Bore • 40 Bar Rated • -20°C to +140°C
- WRAS Approved

	F		F
1/4"	52	1"	82
3/8"	52	1 1/4"	97
1/2"	65	1 1/2"	110
3/4"	73	2"	130

Tee handle ● ● ●

Lever ● ● ●



ART 54

2 Piece Brass Ball Valve BSP Parallel F/F Ends (ISO 228/1)

- Full Bore • 32 Bar Rated (1/4" - 1") • 25 Bar Rated (1 1/4" - 2") • 16 Bar Rated (2 1/2" - 4")
- -5°C to +110°C • WRAS Approved

	F		F		F
1/4"	42	1"	70	2 1/2"	132
3/8"	44	1 1/4"	81	3"	150
1/2"	49	1 1/2"	92	4"	181
3/4"	58	2"	110		

Lever ● ●



ART 18

Brass Compression Service Valve (BS EN1254-2)

- 10 Bar Rated • -20°C to +85°C • WRAS Approved

	F
15mm	50
22mm	65



ART 45P

2 Piece Brass Ball Valve BSP Parallel F/F Ends (ISO 228/1)

- Full Bore • 50 Bar Rated (1/4" - 3/4") • 40 Bar Rated (1" - 1 1/4") • 32 Bar Rated (1 1/2" - 2")
- -20°C to +160°C • WRAS + EN331 Gas Approved

	F		F
1/4"	45	1"	83
3/8"	45	1 1/4"	92
1/2"	63	1 1/2"	104
3/4"	71	2"	124

Tee handle ●

Lever ●●●



ART 45T

2 Piece Brass Ball Valve BSP Taper F/F Ends (ISO 7/1)

- Full Bore • 50 Bar Rated (1/4" - 3/4") • 40 Bar Rated (1" - 1 1/4") • 32 Bar Rated (1 1/2" - 2")
- 25 Bar Rated (2 1/2" - 4") • -20°C to +160°C
- WRAS + EN331 Gas Approved

	F		F		F
1/4"	45	1"	83	2 1/2"	140
3/8"	45	1 1/4"	92	3"	159
1/2"	63	1 1/2"	104	4"	196
3/4"	71	2"	124		

Tee handle ●

Lever ●●●



ART 45 NPT

2 Piece Brass Ball Valve NPT F/F Ends (ANSI B1.20.1)

- Full Bore • 50 Bar Rated (1/4" - 3/4") • 40 Bar Rated (1" - 1 1/4") • 32 Bar Rated (1 1/2" - 2")
- 25 Bar Rated (2 1/2" - 4") • -20°C to +160°C

	F		F		F
1/4"	45	1"	83	2 1/2"	140
3/8"	45	1 1/4"	92	3"	159
1/2"	63	1 1/2"	104	4"	196
3/4"	71	2"	124		



ART 257

Locking Device

- To suit ART 45 series
- Consult product datasheet for more details

	M		F
1/4"	M	1"	2A
3/8"	M	1 1/4"	2A
1/2"	1A	1 1/2"	3A
3/4"	1A	2"	3A



ART 97

Thermal Extension

- To suit ART 45T, 45P, 70 & 71 series
- Consult product datasheet for more details

	M		F		F
1/4"	M	1"	2A	2 1/2"	5A
3/8"	M	1 1/4"	2A	3"	5A
1/2"	1A	1 1/2"	3A	4"	5A
3/4"	1A	2"	3A		



ART 46

2 Piece Brass Ball Valve BSP Parallel M/F Ends (ISO 228/1)

- Full Bore • 50 Bar Rated (1/4" - 3/4") • 40 Bar Rated (1" - 1 1/4") • 32 Bar Rated (1 1/2" - 2")
- -20°C to +160°C • WRAS Approved

	F		F
1/4"	42	1"	92
3/8"	54	1 1/4"	102
1/2"	70	1 1/2"	117
3/4"	80	2"	137



ART 47

PN50 Brass Ball Valve BSP Parallel M/M Ends (ISO 228/1)

- Full Bore • 50 Bar Rated ($\frac{3}{8}$ " - $\frac{3}{4}$ ") • 40 Bar Rated (1" - 1 $\frac{1}{4}$ ") • 32 Bar Rated (1 $\frac{1}{2}$ " - 2")
- -20°C to +160°C • WRAS Approved

	F		F
$\frac{3}{8}$ "	54	1 $\frac{1}{4}$ "	106
$\frac{1}{2}$ "	68	1 $\frac{1}{2}$ "	111
$\frac{3}{4}$ "	77	2"	138
1"	92		



ART 160

2 Piece Brass Ball Valve BSP Parallel F/F Ends (ISO 228/1)

- Full Bore • 40 Bar Rated ($\frac{1}{4}$ " - 1") • 32 Bar Rated (1 $\frac{1}{4}$ ") • 30 Bar Rated (1 $\frac{1}{2}$ " - 2 $\frac{1}{2}$ ") • 25 Bar Rated (3") • ISO Direct Mount • -20°C to +120°C

	F		F		F
$\frac{1}{4}$ "	64	1"	88	2 $\frac{1}{2}$ "	165
$\frac{3}{8}$ "	64	1 $\frac{1}{4}$ "	96	3"	188
$\frac{1}{2}$ "	64	1 $\frac{1}{2}$ "	103		
$\frac{3}{4}$ "	76	2"	121		



ART 70/71

3 Way 'L' & 'T' Port Brass Ball Valve BSP Parallel Female Ends (ISO 228/1)

- Reduced Bore • 32 Bar Rated ($\frac{1}{4}$ " - 1")
- 25 Bar Rated (1 $\frac{1}{4}$ " - 2") • -20°C to +150°C

	F		F
$\frac{1}{4}$ "	74	1"	105
$\frac{3}{8}$ "	74	1 $\frac{1}{4}$ "	115
$\frac{1}{2}$ "	80	1 $\frac{1}{2}$ "	138
$\frac{3}{4}$ "	90	2"	161



ART 87/88

3 Way 'T' & 'L' Port Brass Ball Valve BSP Parallel Female Ends (ISO 228/1)

- 30 Bar Rated ($\frac{1}{4}$ " - $\frac{3}{4}$ ") • 20 Bar Rated (1 - 1 $\frac{1}{4}$ ") • 16 Bar Rated (1 $\frac{1}{2}$ " - 2") • PTFE Seals
- ISO Direct Mount • -20°C to +120°C

	F		F
$\frac{1}{4}$ "	65	1"	105
$\frac{3}{8}$ "	65	1 $\frac{1}{4}$ "	118
$\frac{1}{2}$ "	78	1 $\frac{1}{2}$ "	134
$\frac{3}{4}$ "	87	2"	161



ART 901L

1 Piece Stainless Steel Ball Valve BSP Taper F/F Ends (ISO 7/1)

- Reduced Bore • 69 Bar Rated ($\frac{1}{4}$ " - 1 $\frac{1}{4}$ ")
- 55 Bar Rated (1 $\frac{1}{2}$ " - 2") • -25°C to +200°C
- PTFE Seals • Locking Lever

	F		F
$\frac{1}{4}$ "	40	1"	71
$\frac{3}{8}$ "	45	1 $\frac{1}{4}$ "	78
$\frac{1}{2}$ "	60	1 $\frac{1}{2}$ "	82
$\frac{3}{4}$ "	60	2"	100



ART 902T

2 Piece Stainless Steel Ball Valve BSP Taper F/F Ends (ISO 7/1)

- Full Bore • 82 Bar Rated ($\frac{1}{4}$ " - 1") • 69 Bar Rated (1 $\frac{1}{4}$ " - 1 $\frac{1}{2}$ ") • 62 Bar Rated (2" - 3")
- -25°C to +200°C • PTFE Seals • Locking Lever

	F		F		F
$\frac{1}{4}$ "	49	1"	77	2 $\frac{1}{2}$ "	153
$\frac{3}{8}$ "	49	1 $\frac{1}{4}$ "	90	3"	172
$\frac{1}{2}$ "	57	1 $\frac{1}{2}$ "	105		
$\frac{3}{4}$ "	64	2"	125		

Tee handles available for $\frac{1}{4}$ " , $\frac{3}{8}$ " & $\frac{1}{2}$ "



ART 902P

2 Piece Stainless Steel Ball Valve BSP Parallel F/F Ends (ISO 7/1)

• Full Bore • 82 Bar Rated (1/4" - 1") • 69 Bar Rated (1 1/4" - 1 1/2") • 62 Bar Rated (2") • -25°C to +200°C • PTFE Seals • Locking Lever

	F		F
1/4"	49	1"	77
3/8"	49	1 1/4"	90
1/2"	57	1 1/2"	105
3/4"	64	2"	125

Tee handles available for 1/4", 3/8" & 1/2"



ART 902NPT

2 Piece Stainless Steel Ball Valve NPT F/F Ends (ANSI B1.20.1)

• Full Bore • 82 Bar Rated (1/4" - 1") • 69 Bar Rated (1 1/4" - 1 1/2") • 62 Bar Rated (2") • -25°C to +200°C • PTFE Seals • Locking Lever

	F		F
1/4"	49	1"	77
3/8"	49	1 1/4"	90
1/2"	57	1 1/2"	105
3/4"	64	2"	125

Tee handles available for 1/4", 3/8" & 1/2"



ART 912P

2 Piece Stainless Steel Ball Valve BSP Parallel F/F Ends (ISO 7/1)

• Full Bore • 140 Bar Rated • -25°C to +200°C • PTFE Seals • Locking Lever

	F		F
1/4"	49	1"	77
3/8"	49	1 1/4"	90
1/2"	58	1 1/2"	105
3/4"	65	2"	125



ART 922P

2 Piece Stainless Steel Ball Valve BSP Parallel F/F Ends (ISO 228/1)

• Full Bore • 140 Bar Rated • -25°C to +200°C • PTFE Seals • Locking Lever

	F		F
1/4"	49	1"	77
3/8"	49	1 1/4"	90
1/2"	58	1 1/2"	105
3/4"	65	2"	125



ART 912NPT

2 Piece Stainless Steel Ball Valve NPT F/F Ends (ANSI B1.20.1)

• Full Bore • 140 Bar Rated • -25°C to +200°C • PTFE Seals • Locking Lever

	F		F
1/4"	49	1"	77
3/8"	49	1 1/4"	90
1/2"	58	1 1/2"	105
3/4"	65	2"	125



ART 903

3 Piece Stainless Steel Ball Valve BSP Taper F/F Ends (ISO 7/1)

• Full Bore • 82 Bar Rated (1/4" - 1") • 69 Bar Rated (1 1/4" - 1 1/2") • 62 Bar Rated (2" - 3") • -25°C to +200°C • PTFE Seals • Locking Lever

	F		F		F
1/4"	50	1"	90	2 1/2"	185
3/8"	60	1 1/4"	110	3"	205
1/2"	75	1 1/2"	120		
3/4"	80	2"	140		



ART 903SW

3 Piece Stainless Steel Ball Valve Socket Weld Ends

- Full Bore • 82 Bar Rated (1/4" - 1") • 69 Bar Rated (1 1/4" - 1 1/2") • 62 Bar Rated (2" - 3")
- -25°C to +200°C • PTFE Seals • Locking Lever

	F		F		F
1/4"	50	1"	90	2 1/2"	185
3/8"	60	1 1/4"	110	3"	205
1/2"	75	1 1/2"	120		
3/4"	80	2"	140		



ART 803

3 Piece Carbon Steel Ball Valve BSP Taper F/F Ends (ISO 7/1)

- Full Bore • 82 Bar Rated (1/4" - 1") • 69 Bar Rated (1 1/4" - 1 1/2") • 62 Bar Rated (2" - 3")
- -25°C to +200°C • PTFE Seals • Locking Lever

	F		F		F
1/4"	50	1"	90	2 1/2"	185
3/8"	60	1 1/4"	110	3"	205
1/2"	75	1 1/2"	120		
3/4"	80	2"	140		



ART 993H

3 Piece Stainless Steel Ball Valve BSP Taper F/F Ends (ISO 7/1)

- Full Bore • 82 Bar Rated (1/4" - 1") • 69 Bar Rated (1 1/4" - 1 1/2") • 62 Bar Rated (2" - 4")
- -25°C to +200°C • PTFE Seals • ISO Direct Mount • Locking Lever

	F		F		F
1/4"	50	1"	90	2 1/2"	185
3/8"	60	1 1/4"	110	3"	205
1/2"	75	1 1/2"	120	4"	240
3/4"	80	2"	140		



ART 995T

3 Piece Stainless Steel Fire Safe Ball Valve BSP Taper F/F Ends (ISO 7/1)

- Full Bore • 140 Bar Rated • -25°C to +200°C • PTFE Seals • Anti Static Device
- ISO Direct Mount • TUV Certified to API STD 607 • Locking Lever

	F		F
1/2"	75	1 1/2"	120
3/4"	80	2"	140
1"	90		
1 1/4"	110		



ART 995NPT

3 Piece Stainless Steel Fire Safe Ball Valve NPT F/F Ends (ANSI B1.20.1)

- Full Bore • 140 Bar Rated • -25°C to +200°C • PTFE Seals • Anti Static Device
- ISO Direct Mount • TUV Certified to API STD 607 • Locking Lever

	F		F
1/2"	75	1 1/2"	120
3/4"	80	2"	140
1"	90		
1 1/4"	110		



ART 994 PRS

3 Piece Stainless Steel Ball Valve Press Ends

- Full Bore • 24 Bar Rated (15mm) • 20 Bar Rated (22mm & 28mm) • 17 Bar Rated (35mm - 54mm) • 10 Bar Rated (76mm - 108mm) • -20°C to +120°C • Dedicated M Profile • RPTFE Seat (15%) • Locking Lever

	F		F		F
15mm	87	42mm	158	108mm	329
22mm	101	54mm	186		
28mm	130	76mm	251		
35mm	143	88mm	275		



ART 926

2 Piece Stainless Steel Flanged PN16/40 Ball Valve

- Full Bore • 40 Bar Rated (½" - 2") • 16 Bar Rated (2½" - 8") • ISO Direct Mount • -25°C to +200°C (½" - 4") • -25°C to +180°C (5" - 8") • PTFE Seats • Viton Seals • Locking Lever

	F		F		F
½"	115	1½"	140	4"	190
¾"	120	2"	150	5"	325
1"	125	2½"	170	6"	350
1¼"	130	3"	180	8"	400



ART 956

2 Piece Stainless Steel Flanged PN16/40 Fire Safe Ball Valve

- Full Bore • 40 Bar Rated (½" - 2") • 16 Bar Rated (2½" - 4") • -25°C to +200°C • PTFE Seats • Anti Static Device • ISO Direct Mount • TUV Certified to API STD 607 • Locking Lever

	F		F		F
½"	115	1½"	140	4"	190
¾"	120	2"	150		
1"	125	2½"	170		
1¼"	130	3"	180		



ART 928

2 Piece Stainless Steel Flanged ANSI CLASS 150 Ball Valve

- Full Bore • 20 Bar Rated • -25°C to +200°C • PTFE Seats • ISO Direct Mount • Locking Lever

	F		F		F
½"	108	1½"	165	4"	229
¾"	117	2"	178		
1"	127	2½"	190		
1¼"	140	3"	203		



ART 958

2 Piece Stainless Steel Flanged ANSI CLASS 150 Fire Safe Ball Valve

- Full Bore • 20 Bar Rated • -25°C to +200°C • PTFE Seats • Anti Static Device • ISO Direct Mount • TUV Certified to API STD 607 • Locking Lever

	F		F		F
½"	108	1½"	165	4"	229
¾"	117	2"	178		
1"	127	2½"	190		
1¼"	140	3"	203		



ART 987T/988L

Stainless Steel 'T' & 'L' Port Ball Valve BSP Taper F/F Ends (ISO 7/1)

- Reduced Bore • 82 Bar Rated (¼" - 1") • 69 Bar Rated (1¼" - 1½") • 62 Bar Rated (2" - 4") • -25°C to +200°C • PTFE/Viton Seals • ISO Direct Mount • Locking Lever

	F		F		F
¼"	75	1"	100	2½"	178
⅜"	75	1¼"	122	3"	202
½"	75	1½"	131	4"	246
¾"	85	2"	158		



ART 280

2 Piece Ductile Iron PN16 Flanged Ball Valve

- 16 Bar Rated • -20°C to +150°C • ISO Direct Mount • Blow out proof stem • C/W Locking Device • Stainless Steel 304 Ball

	F		F		F
1"	125	2½"	170	6"	210
1¼"	130	3"	180	8"	400
1½"	140	4"	190		
2"	150	5"	200		

P



ART 126

Ductile Iron Wafer Butterfly Valve

• 16 Bar Rated • -10°C to +110°C • EPDM Liner • Stainless Steel Disc • ISO Direct Mount • To suit PN10, PN16 and ANSI CLASS 150 flanges • WRAS Approved

	F		F		F
2"	42	5"	54	12"	77
2½"	45	6"	56		
3"	45	8"	61		
4"	52	10"	66		



ART 126GB

Ductile Iron Wafer Butterfly Valve c/w Gearbox

• 16 Bar Rated • -10°C to +110°C • EPDM Liner • Stainless Steel Disc • ISO Direct Mount • To suit PN10, PN16 and ANSI CLASS 150 flanges • WRAS Approved

	F		F		F
2"	42	5"	54	12"	77
2½"	45	6"	56	14"	77
3"	45	8"	61		
4"	52	10"	66		



ART 126GB DN400-600

Ductile Iron Wafer Butterfly Valve c/w Gearbox

• 16 Bar Rated • -10°C to +110°C • EPDM Liner • Stainless Steel Disc • ISO Direct Mount • To suit PN10, PN16 and ANSI CLASS 150 flanges

	F		
16"	102		
18"	114		
20"	127		
24"	152		

Gearbox available. We strongly advise gearbox on all 8", 10" and 12" valves.



ART 141

Ductile Iron Lugged and Tapped Butterfly Valve

• 16 Bar Rated • -10°C to +110°C • EPDM Liner • Stainless Steel Disc • ISO Direct Mount • To suit PN16 Flanges only • WRAS Approved

	F		F		F
2"	42	5"	54	12"	77
2½"	45	6"	56		
3"	45	8"	61		
4"	52	10"	66		



ART 141GB

Ductile Iron Lugged and Tapped Butterfly Valve c/w Gearbox

• 16 Bar Rated • -10°C to +110°C • EPDM Liner • Stainless Steel Disc • ISO Direct Mount • To suit PN16 Flanges only • WRAS Approved

	F		F		F
2"	42	5"	54	12"	77
2½"	45	6"	56	14"	77
3"	45	8"	61		
4"	52	10"	66		



ART 141GB DN400-600

Ductile Iron Lugged and Tapped Butterfly Valve c/w Gearbox

• 16 Bar Rated • -10°C to +110°C • EPDM Liner • Stainless Steel Disc • ISO Direct Mount • To suit PN16 Flanges only

	F		
16"	102		
18"	114		
20"	127		
24"	152		

Gearbox available. We strongly advise gearbox on all 8", 10" and 12".



ART 115

Ductile Iron Wafer Butterfly Valve

- 16 Bar Rated • -10°C to +110°C • EPDM Liner • Stainless Steel Disc • ISO Direct Mount • WRAS Approved • To suit PN10, PN16 and ANSI CLASS 150 flanges

	F		F		F
2"	41	5"	54	12"	76
2½"	44	6"	55		
3"	45	8"	60		
4"	51	10"	65		

Gearbox available. We strongly advise gearbox on all 8", 10" and 12" valves.



ART 120

Ductile Iron Wafer Butterfly Valve

- 16 Bar Rated • 0°C to +90°C • NBR Liner • Stainless Steel Disc • ISO Direct Mount • To suit PN10, PN16 and ANSI CLASS 150 flanges

	F		F		F
2"	41	5"	54	12"	76
2½"	44	6"	55		
3"	45	8"	60		
4"	51	10"	65		

Gearbox available. We strongly advise gearbox on all 8", 10" and 12" valves.



ART 125

Ductile Iron Wafer Butterfly Valve

- 16 Bar Rated • -10°C to +110°C • EPDM Liner • Stainless Steel Disc • ISO Direct Mount • To suit PN10, PN16 and ANSI CLASS 150 flanges

	F		F		F
2"	42	5"	54	12"	77
2½"	45	6"	56		
3"	45	8"	61		
4"	52	10"	66		

Gearbox available. We strongly advise gearbox on all 8", 10" and 12" valves.



ART 135 PN16

Ductile Iron Lugged and Tapped Butterfly Valve

- 16 Bar Rated • -10°C to +110°C • EPDM Liner • Stainless Steel Disc • ISO Direct Mount • WRAS Approved • To suit PN16 Flanges only

	F		F		F
2"	41	5"	54	12"	76
2½"	44	6"	55		
3"	45	8"	60		
4"	51	10"	65		

Gearbox available. We strongly advise gearbox on all 8", 10" and 12" valves.



ART 140

Ductile Iron Lugged and Tapped Butterfly Valve

- 16 Bar Rated • -10°C to +110°C • EPDM Liner • Stainless Steel Disc • ISO Direct Mount • To suit PN16 Flanges only

	F		F		F
2"	42	5"	54	12"	77
2½"	45	6"	56		
3"	45	8"	61		
4"	52	10"	66		

Gearbox available. We strongly advise gearbox on all 8", 10" and 12" valves.



ART 145

Ductile Iron Lugged and Tapped Butterfly Valve

- 16 Bar Rated • 0°C to +90°C • NBR Liner • DI Zinc Plated Disc • ISO Direct Mount • To suit PN16 Flanges only

	F		F		F
2"	41	5"	54	12"	76
2½"	44	6"	55		
3"	45	8"	60		
4"	51	10"	65		

Gearbox available. 8", 10" & 12" c/w gearbox as standard. Larger sizes available on request.



ART 150 DN50-150

Ductile Iron Double Flanged
Butterfly Valve

- 16 Bar Rated • -10°C to +110°C
- Vulcanised EPDM Liner • CF8M Disc • ISO Direct Mount • To suit PN16 Flanges only

DN	F	DN	F
50	108	125	140
65	112	150	140
80	114		
100	127		



ART 150GB DN50-350

Ductile Iron Double Flanged
Butterfly Valve

- 16 Bar Rated • -10°C to +110°C
- Vulcanised EPDM Liner • CF8M Disc • ISO Direct Mount • To suit PN16 Flanges only

DN	F	DN	F	DN	F
50	108	125	140	300	178
65	112	150	140	350	190
80	114	200	152		
100	127	250	165		



ART 150GB DN400-600

Ductile Iron Double Flanged
Butterfly Valve

- 16 Bar Rated • -10°C to +110°C
- Vulcanised EPDM Liner • CF8M Disc • ISO Direct Mount • To suit PN16 Flanges only

DN	F		
400	216		
450	222		
500	229		
600	267		

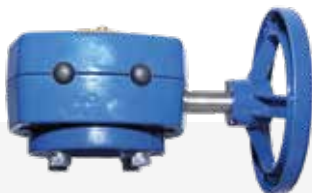


ART 150GB DN700-1200

Ductile Iron Double Flanged
Butterfly Valve

- 16 Bar Rated • -10°C to +110°C
- Vulcanised EPDM Liner • CF8M Disc • ISO Direct Mount • To suit PN16 Flanges only

DN	F	DN	F
700	292	1000	410
750	308	1100	450
800	318	1200	470
900	330		



GEARBOX

Aluminium Gearbox

- To suit ART 115, ART 120, ART 125, ART 135, ART 140 and ART 145



ART 330HW

PN20 Bronze Gate Valve F/F Ends BSP Taper (ISO 7/1) or NPT (ANSI B1.20.1)

• 20 Bar Rated • -10°C to +170°C • BS 5154 / MSS-SP-80 • WRAS Approved

	F		F
½"	45	1½"	63
¾"	49	2"	73
1"	55		
1¼"	61		



ART 330LS

PN20 Bronze Gate Valve F/F Ends BSP Taper (ISO 7/1) or NPT (ANSI B1.20.1) Lockshield

• 20 Bar Rated • -10°C to +170°C • BS 5154 / MSS-SP-80 • WRAS Approved

	F		F
½"	45	1½"	63
¾"	49	2"	73
1"	55		
1¼"	61		



ART 325HW

PN20 Bronze Gate Valve Rising Stem F/F Ends BSP Taper (ISO 7/1) or NPT (ANSI B1.20.1)

• 20 Bar Rated • -10°C to +170°C • BS 5154 / MSS-SP-80 • WRAS Approved

	F		F
½"	50	1½"	68
¾"	52	2"	75
1"	60		
1¼"	65		

Lockshield Key available.



ART 335

PN16 Flanged Bronze Gate Valve (Undrilled on request)

• 16 Bar Rated (½" - 4") • 10 Bar Rated (5" - 6") • -10°C to +170°C (½" - 4") • -10°C to 150°C (5" - 6")

	F		F		F
½"	68	1½"	113	4"	170
¾"	85	2"	124	5"	192
1"	89	2½"	154	6"	210
1¼"	98	3"	158		



ART 640HW

DZR Brass Gate Valve BSP Taper F/F Ends (ISO 7/1)

• 20 Bar Rated • -20°C to +170°C • Conforms to BS5154 • WRAS Approved

	F		F
½"	43	1½"	66
¾"	46	2"	83
1"	52		
1¼"	65		



ART 640LS

DZR Brass Gate Valve BSP Taper F/F Ends Lockshield (ISO 7/1)

• 20 Bar Rated • -20°C to +170°C • Conforms to BS5154 • WRAS Approved

	F		F
½"	43	1½"	66
¾"	46	2"	83
1"	52		
1¼"	65		

Lockshield Key available.



LOCKSHIELD KEY

Lockshield Key

- To suit ART 640LS

1/2"	S	1 1/2"	L
3/4"	S	2"	L
1"	S		
1 1/4"	S		



ART 175

Brass Gate Valve BS 5154
Approved BSP Taper F/F
Ends (ISO 7/1)

- 25 Bar Rated • -10°C to +186°C • Conforms to BS5154 • Kite Marked KM 553179

	F		F
1/2"	44	1 1/2"	65
3/4"	48	2"	71
1"	55		
1 1/4"	61		



ART 610

Brass Gate Valve BSP Taper F/F
Ends (ISO 7/1)

- 20 Bar Rated • -20°C to +170°C • Conforms to BS5154

	F		F		F
1/2"	43	1 1/2"	66	4"	110
3/4"	46	2"	83		
1"	52	2 1/2"	88		
1 1/4"	65	3"	92		



ART 615

Brass Gate Valve Conforms to
BS 5154 Compression Ends
(BS EN1254-2)

- 16 Bar Rated • -10°C to +110°C • Conforms to BS5154

	F		F
15mm	60	42mm	98
22mm	68	54mm	118
28mm	76		
35mm	93		



ART 235

PN16 Cast Iron Flanged Gate
Valve to BS 5150

- 16 Bar Rated • -10°C to +230°C
- Bronze Trim • Stainless Steel Stem • BS 5150 • Non-Rising Stem

	F		F		F
2"	178	6"	267	16"	406
2 1/2"	190	8"	292	18"	432
3"	203	10"	330	20"	457
4"	229	12"	356	24"	508
5"	254	14"	381		



ART 233

PN25 Cast Iron Flanged Gate
Valve to BS 5150

- 25 Bar Rated • -10°C to +230°C
- Bronze Trim • Brass Stem • BS 5150
- Non-Rising Stem

	F		F		F
2"	216	5"	381	12"	502
2 1/2"	241	6"	403		
3"	283	8"	419		
4"	305	10"	457		



ART 234

ANSI 125 Cast Iron Flanged Gate Valve to MSS SP-70

- 13.8 Bar Rated • -10°C to +230°C
- Bronze Trim • Brass Stem • Non-Rising Stem

	F		F		F
2"	178	6"	267	16"	406
2½"	190	8"	292	18"	432
3"	203	10"	330	20"	457
4"	229	12"	356	24"	508
5"	254	14"	381		



ART 105

PN16 Ductile Iron Flanged Gate Valve

- 16 Bar Rated • -10°C to +200°C
- Brass Trim • Stainless Steel Stem

	F		F		F
2"	150	5"	200	12"	270
2½"	170	6"	210		
3"	180	8"	230		
4"	190	10"	250		



ART 210

Cast Iron BS10 Table E & D Flanged Gate Valve to BS 3464

- 10 Bar Rated • -10°C to +230°C
- Bronze Trim • Stainless Steel Stem • BS 3464

	F		F
2"	146	5"	190
2½"	159	6"	210
3"	165	8"	241
4"	171		

Larger sizes available on request.



ART 231

PN16 Ductile Iron Resilient Seat Gate Valve to BS 5163 Type B

- 16 Bar Rated • 0°C to +80°C
- Handwheel, gearbox or cap top operation
- BS 5163 Type B • WRAS Approved

	F		F		F
2"	178	6"	267	16"	406
2½"	190	8"	292	18"	432
3"	203	10"	330	20"	457
4"	229	12"	356	24"	508
5"	254	14"	381		



ART 231 with Extension Spindle

PN16 Ductile Iron Resilient Seat Gate Valve to BS 5163 Type B

- 16 Bar Rated • 0°C to +80°C • BS 5163 Type B • To suit underground / buried Resilient Seated Gate Valves • Comes with polyethylene pipe sleeve suiting spindle length

	F		F		F
2"	178	5"	254	12"	356
2½"	190	6"	267		
3"	203	8"	292		
4"	229	10"	330		



Extension Spindle

Extension Spindle to suit Resilient Seat Gate Valve

- To suit underground / buried Resilient Seated Gate Valves • Comes with polyethylene pipe sleeve suiting spindle length

	Length
DN50-DN300	To suit customer requirement
DN350-DN400	
DN450-DN600	



Tee Handle

Tee Handles to suit Resilient Seat Gate Valve

- To suit Resilient Seated Gate Valves
- Standard length 1m (can be altered to suit customer requirement)

DN50-DN200
DN250-DN300
DN350-DN400
DN450-DN600



Buried Box

Buried Box to suit Resilient Seat Gate Valve

- To suit Resilient Seated Gate Valves
- Ductile Iron construction

DN50-DN600



ART 225

PN16 Cast Iron Flanged Gate Valve

- 16 Bar Rated • -10°C to +230°C • Bronze Trim • Brass Stem • Rising Stem

	F		F		F
2"	178	6"	267	16"	406
2½"	190	8"	292	18"	432
3"	203	10"	330	20"	457
4"	229	12"	356	24"	508
5"	254	14"	381		



ART 223

PN25 Cast Iron Flanged Gate Valve

- 25 Bar Rated • -10°C to +230°C • Bronze Trim • Brass Stem • Rising Stem

	F		F		F
2"	216	5"	381	12"	502
2½"	241	6"	403		
3"	283	8"	419		
4"	305	10"	457		



ART 224

ANSI 125 Cast Iron Flanged Gate Valve

- 13.8 Bar Rated • -10°C to +230°C • Bronze Trim • Brass Stem • Rising Stem

	F		F		F
2"	178	6"	267	16"	406
2½"	190	8"	292	18"	432
3"	203	10"	330	20"	457
4"	229	12"	356	24"	508
5"	254	14"	381		



ART 960

Stainless Steel Gate Valve BSP Parallel F/F Ends (ISO 7/1)

- 16 Bar Rated • -25°C to +180°C • Full Bore • ATEX Approved

	F		F
¼"	42	1"	64
⅜"	42	1¼"	73
½"	53	1½"	76
¾"	57	2"	88



ART 348

PN20 Bronze Globe Valve F/F Ends BSP Taper (ISO 7/1) or NPT (ANSI B1.20.1)

- 20 Bar Rated • -10°C to +180°C
- BS 5154 / MSS-SP-80 • WRAS Approved

F	F
1/2"	50
3/4"	56
1"	65
1 1/4"	74



ART 390

PN16 Flanged Bronze Globe Valve (Undrilled on request)

- 16 Bar Rated • -10°C to +170°C
- PTFE Seat • Conforms to BS 5154

F	F	F
1/2"	84	1 1/2" 134
3/4"	95	2" 156
1"	105	2 1/2" 170
1 1/4"	115	3" 180



ART 961

Stainless Steel Globe Valve BSP Parallel F/F Ends (ISO 7/1)

- 16 Bar Rated • -25°C to +180°C • Full Bore
- ATEX Approved

F	F
1/4"	55
3/8"	55
1/2"	67
3/4"	75



ART 260

PN16 Cast Iron Globe Valve to BS EN13789 (BS 5152)

- 16 Bar Rated • -10°C to +230°C • Bronze Trim • Stainless Steel Stem • BS EN13789
- Rising Stem

F	F	F
2"	203	5" 330
2 1/2"	216	6" 356
3"	241	8" 495
4"	292	10" 622



ART 261

ANSI 125 Cast Iron Globe Valve to MSS SP-85

- 13.8 Bar Rated • -10°C to +230°C • Bronze Trim • Stainless Steel Stem • Rising Stem

F	F	F
2"	203	5" 330
2 1/2"	216	6" 356
3"	241	8" 495
4"	292	10" 622



ART 388

Bronze Swing Check Valve F/F Ends BSP Taper (ISO 7/1) or NPT (ANSI B1.20.1)

• 20 Bar Rated • -10°C to +150°C • EPDM Seat • BS 5154 (BS EN 12288) / MSS-SP-80

F	F
1/2" 58	1 1/2" 110
3/4" 70	2" 129
1" 80	
1 1/4" 96	



ART 380

Bronze Lift Check Valve BSP Parallel F/F Ends (ISO 228/1)

• 20 Bar Rated (1/2" - 2") • 16 Bar Rated (2 1/2" - 4") • -10°C to +180°C (1/2" - 2") • -10°C to 170°C (2 1/2" - 4") • PTFE Seat

F	F	F
1/2" 60	1 1/2" 107	4" 190
3/4" 70	2" 126	
1" 84	2 1/2" 135	
1 1/4" 92	3" 148	



ART 360

PN16 Flanged Bronze Lift Check Valve (Undrilled on request)

• 16 Bar Rated • -10°C to +170°C • PTFE Seat

F	F	F
1/2" 84	1 1/2" 134	4" 200
3/4" 95	2" 154	
1" 105	2 1/2" 170	
1 1/4" 115	3" 180	



ART 84M

Brass Swing Check Valve BSP Parallel F/F Ends (ISO 228/1)

• 20 Bar Rated • Metal Seat • 0°C to +150°C

F	F	F
1/2" 46	1 1/2" 82	4" 159
3/4" 56	2" 94	
1" 64	2 1/2" 105	
1 1/4" 68	3" 127	



ART 84R

Brass Swing Check Valve BSP Parallel F/F Ends (ISO 228/1)

• 20 Bar Rated • NBR Rubber Seat • 0°C to +100°C

F	F	F
1/2" 46	1 1/2" 82	4" 159
3/4" 56	2" 94	
1" 64	2 1/2" 105	
1 1/4" 68	3" 127	



ART 66

Brass Spring Check Valve BSP Parallel F/F Ends (ISO 228/1)

• 20 Bar Rated • Brass Disc • NBR Seat • 0°C to +100°C

F	F	F
3/8" 49	1 1/4" 64	3" 106
1/2" 49	1 1/2" 69	4" 111
3/4" 53	2" 82	
1" 56	2 1/2" 99	



ART 98

Stainless Steel Mesh Filter BSP Parallel Male End

- 16 Bar Rated (½" - 1") • 10 Bar Rated (1¼" - 2") • 8 Bar Rated (2½" - 4") • 0°C to +90°C
- To suit ART 66

	F		F		F
⅜"	47	1¼"	67	3"	107
½"	57	1½"	68	4"	119
¾"	56	2"	89		
1"	59	2½"	97		



ART 6698

Foot Valve BSP Parallel (ISO 228/1)

- 16 Bar Rated (½" - 1") • 10 Bar Rated (1¼" - 2") • 8 Bar Rated (2½" - 4") • 0°C to +90°C
- Brass Spring Check Valve with Stainless Steel Mesh Filter • NBR Seat

	F		F		F
½"	92	1½"	122	4"	206
¾"	91	2"	153.5		
1"	102.5	2½"	175		
1¼"	117.5	3"	190		



ART 36

DZR Brass Double Check Valve BSP Parallel F/F Ends (ISO 228/1)

- 16 Bar Rated • -10°C to +85°C • Conforms with EN13959 • Suitable for Fluid Categories 1, 2 & 3 • WRAS Approved

	F		F
½"	71	1½"	134
¾"	83	2"	173
1"	98		
1¼"	118		



ART 37

DZR Brass Double Check Valve Compression Ends (BS EN1254-2)

- 10 Bar Rated • -10°C to +85°C • Conforms with EN13959 • Suitable for Fluid Categories 1, 2 & 3 • WRAS Approved

	F
15mm	79
22mm	100
28mm	112



ART 237

PN16 Ductile Iron Flanged Double Check Valve

- 16 Bar Rated • -10°C to +85°C
- WRAS Approved

	F		F		F
2"	203	5"	403	12"	823
2½"	243	6"	463		
3"	283	8"	579		
4"	343	10"	711		



ART 962

PN40 Stainless Steel Dual Plate Wafer Check Valve

- 40 Bar Rated • -25°C to +180°C
- 'O' Ring Viton • To suit PN10, 16, 25, 40 and ANSI CLASS 150 and 300 flanges.

	F		F		F
1½"	43	4"	64	10"	114
2"	43	5"	70	12"	114
2½"	46	6"	76		
3"	64	8"	89		



ART 963

PN16 Stainless Steel Disc Wafer Check Valve

- 16 Bar Rated • -25°C to +180°C
- 'O' Ring Viton • To suit PN16 and ANSI CLASS 150 flanges.

	F		F		F
2"	14	5"	18	12"	30
2½"	14	6"	20		
3"	14	8"	22		
4"	18	10"	26		



ART 964

PN40 Stainless Steel Wafer Spring Check Valve

- 40 Bar Rated • -25°C to +200°C
- Metal Seat • To suit PN10, 16, 40 and ANSI CLASS 150 and 300 flanges.

	F		F		F
½"	16	1½"	32	4"	60
¾"	19	2"	40		
1"	22	2½"	46		
1¼"	28	3"	50		



ART 965

Stainless Steel Swing Check Valve BSP Parallel F/F Ends (ISO 7/1)

- 16 Bar Rated • -25°C to +180°C
- Metal Seat

	F		F
¼"	63	1"	87
⅜"	63	1¼"	100
½"	63	1½"	115
¾"	78	2"	135



ART 966

Stainless Steel Spring Check Valve BSP Parallel F/F Ends (ISO 7/1)

- 82 Bar Rated (¼" - 1") • 69 Bar Rated (1¼" - 1½") • 62 Bar Rated (2" - 4") • -25°C to +180°C • Metal Seat

	F		F		F
¼"	53	1"	74	2½"	118
⅜"	53	1¼"	81	3"	138
½"	56	1½"	91	4"	158
¾"	63	2"	97		



ART 121

PN16 Cast Iron Dual Plate Wafer Check Valve

- 16 Bar Rated • -10°C to +120°C
- Stainless Steel Disc • EPDM Seat • To suit PN10, PN16 and ANSI CLASS 125 flanges

	F		F		F
2"	43	5"	70	12"	114
2½"	46	6"	76		
3"	64	8"	89		
4"	64	10"	114		



ART 136

PN16 Cast Iron Dual Plate Wafer Check Valve

- 16 Bar Rated • -10°C to +120°C
- -10°C to +85°C (WRAS Applications)
- Stainless Steel Disc • EPDM Seat
- To suit PN10, PN16 and ANSI CLASS 125 flanges • WRAS Approved

	F		F		F
2"	54	5"	70	12"	143
2½"	54	6"	76		
3"	57	8"	95		
4"	64	10"	108		

Larger sizes available on request.



ART 170 PN16

PN16 Cast Iron Flanged Swing Check Valve to BS EN12334 (BS 5153)

- 16 Bar Rated • -10°C to +230°C
- Bronze Trim • Conforms to BS 5153

	F		F		F
2"	203	6"	356	16"	914
2½"	216	8"	495	18"	914
3"	241	10"	622	20"	1016
4"	292	12"	699	24"	1219
5"	330	14"	787		



ART 169 ANSI

ANSI 125 Cast Iron Flanged Swing Check Valve to MSS SP-71

- 13.8 Bar Rated • -10°C to +230°C
- Bronze Trim • Flanged ANSI 125 (B16.1)

	F		F		F
2"	203	6"	356	16"	914
2½"	216	8"	495	18"	914
3"	241	10"	622	20"	1016
4"	292	12"	699	24"	1219
5"	330	14"	787		



ART 167 PN25

PN25 Cast Iron Flanged Swing Check Valve to BS EN12334 (BS 5153)

- 25 Bar Rated • -10°C to +230°C
- Bronze Trim • Conforms to BS 5153

	F		F		F
2"	267	5"	400	12"	711
2½"	292	6"	444		
3"	318	8"	533		
4"	356	10"	622		

Larger sizes available on request.



ART 180 PN16

PN16 Cast Iron Flanged Swing Check Valve, Lever & Weight

- 16 Bar Rated • -10°C to +230°C • Bronze Trim • DN50-400 conforms to BS 5153

	F		F		F
2"	203	6"	356	16"	914
2½"	216	8"	495	18"	914
3"	241	10"	622	20"	1016
4"	292	12"	699	24"	1219
5"	330	14"	787		



ART 179 ANSI

ANSI 125 Cast Iron Flanged Swing Check Valve, Lever & Weight

- 13.8 Bar Rated • -10°C to +230°C • Bronze Trim • Flanged ANSI 125 (B16.1) • Conforms to MSS-SP-71

	F		F		F
2"	203	6"	356	16"	914
2½"	216	8"	495	18"	914
3"	241	10"	622	20"	1016
4"	292	12"	699	24"	1219
5"	330	14"	787		



ART 177 PN25

PN25 Cast Iron Flanged Swing Check Valve, Lever & Weight

- 25 Bar Rated • -10°C to +230°C
- Conforms to BS 5153

	F		F		F
2"	267	5"	400	12"	711
2½"	292	6"	444		
3"	318	8"	533		
4"	356	10"	622		



ART 190 PN16

PN16 Ductile Iron Flanged Swing Check Valve, Lever, Weight & Damper

- 16 Bar Rated • -10°C to +80°C • Epoxy Finish • DN80-400 conforms to BS5153

	F		F		F
3"	241	8"	495	16"	914
4"	292	10"	622	18"	965
5"	330	12"	698	20"	1067
6"	356	14"	787	24"	1219



ART 191 PN25

PN25 Ductile Iron Flanged Swing Check Valve, Lever, Weight & Damper

- 25 Bar Rated • -10°C to +80°C • Epoxy Finish

	F		F
12"	700	20"	1100
14"	800	24"	1300
16"	900		
18"	1000		



ART 171

Ductile Iron Ball Check Valve BSP Parallel F/F End (ISO 228/1)

- 16 Bar Rated • -10°C to +80°C • Epoxy Finish • NBR Seals • NBR Coated Aluminium Ball

	F		F
1"	125	2½"	200
1¼"	132	3"	243
1½"	145		
2"	174		



ART 172

PN16 Ductile Iron Flanged Ball Check Valve

- 16 Bar Rated • 0°C to +80°C • Epoxy Finish • NBR Seals • NBR Coated Ball • Valve design according to BS EN12334

	F		F		F
2"	200	5"	350	12"	700
2½"	240	6"	400		
3"	260	8"	500		
4"	300	10"	600		



ART 162

PN16 Ductile Iron Flanged Silent Check Valve

- 16 Bar Rated • -10°C to +120°C • EPDM Seat

	F		F		F
2"	133	5"	216	12"	393
2½"	140	6"	230		
3"	152	8"	259		
4"	185	10"	362		



ART 163

PN16 Ductile Iron Flanged Foot Valve

- 16 Bar Rated • -10°C to +120°C • Stainless Steel Screen • EPDM Seat

	F		F		F
2"	133	5"	216	12"	393
2½"	140	6"	230		
3"	152	8"	259		
4"	185	10"	362		

Larger sizes available on request.

Larger sizes available on request.



ART 367

PN20 Bronze 'Y' Type Strainer F/F Ends BSP Taper (ISO 7/1) or NPT (ANSI B1.20.1)

- 20 Bar Rated • -10°C to +170°C • Stainless Steel Strainer Basket • Tested to BS EN 12266 • WRAS Approved

	F		F
½"	57	1½"	105
¾"	72	2"	129
1"	75		
1¼"	95		



ART 68

Brass 'Y' Type Strainer BSP Parallel F/F Ends (ISO 228/1)

- 20 Bar Rated • 0°C to +150°C • Stainless Steel Screen • ½" 0.6mm Screen • ¾" - 4" 0.84mm Screen

	F		F		F
½"	57	1½"	105	4"	245
¾"	72	2"	129		
1"	75	2½"	143		
1¼"	95	3"	160		



ART 198 PRS

DZR Brass 'Y' Type Strainer Press Ends

- 20 Bar Rated • -10°C to +150°C • Universal M + V Profile 15mm to 35mm • Dedicated M Profile 42mm and 54mm • EPDM Seat • 0.25mm Screen • 5 Year Guarantee

	F		F
15mm	152	42mm	219
22mm	170	54mm	263
28mm	185		
35mm	202		



ART 183

PN16 Cast Iron Flanged 'Y' Type Strainer

- 16 Bar Rated • -10°C to +85°C • Stainless Steel Screen • 2"-12" 1.5mm Screen • WRAS Approved

	F		F		F
2"	230	5"	400	12"	850
2½"	290	6"	480		
3"	310	8"	600		
4"	350	10"	730		



ART 185

PN16 Cast Iron Flanged 'Y' Type Strainer

- 16 Bar Rated • -10°C to +230°C • Stainless Steel Screen • 2"-12" 1.5mm Screen

	F		F		F
2"	230	5"	400	12"	850
2½"	290	6"	480		
3"	310	8"	600		
4"	350	10"	730		



ART 186

ANSI 125 Cast Iron Flanged 'Y' Strainer

- 13.8 Bar Rated • -10°C to +232°C • Stainless Steel Screen

	F		F		F
2"	230	6"	480	16"	1100
2½"	290	8"	600	18"	1200
3"	310	10"	730	20"	1250
4"	350	12"	850	24"	1450
5"	400	14"	980		

Larger sizes available on request.

Larger sizes available on request.



ART 187 PN25

PN25 Ductile Iron Flanged 'Y' Strainer

- 25 Bar Rated • -10°C to +230°C
- Stainless Steel Screen • 1.5mm Screen

	F		F		F
2"	230	5"	400	12"	850
2½"	290	6"	480		
3"	310	8"	600		
4"	350	10"	730		

Larger sizes available on request.



ART 181

PN16 Ductile Iron Flanged Single Basket Strainer

- 16 Bar Rated • 0°C to +80°C • Stainless Steel Screen

	F		F		F
2"	207	6"	378	16"	842
2½"	210	8"	475	18"	890
3"	251	10"	511	20"	900
4"	292	12"	667	24"	1000
5"	334	14"	769		



ART 182

ANSI 125 Ductile Iron Flanged Single Basket Strainer

- 13.8 Bar Rated • -10°C to +230°C
- Stainless Steel Screen

	F		F		F
2"	207	6"	378	16"	842
2½"	210	8"	475	18"	890
3"	251	10"	511	20"	900
4"	292	12"	667	24"	1000
5"	334	14"	769		



ART 968

Stainless Steel 'Y' Type Strainer BSP Parallel F/F Ends (ISO 7/1)

- 55 Bar Rated • -25°C to +180°C
- Stainless Steel Screen • 1mm Screen

	F		F		F
¼"	64	1"	90	2½"	167
⅜"	64	1¼"	106	3"	198
½"	64	1½"	119	4"	238
¾"	80	2"	140		



ART 969

PN16 Stainless Steel Flanged 'Y' Type Strainer

- 16 Bar Rated • -25°C to +200°C • ½" - 2" 1mm Screen • 2½" - 4" 2mm Screen

	F		F		F
½"	130	1½"	200	4"	350
¾"	150	2"	230		
1"	160	2½"	290		
1¼"	180	3"	310		



ART 10

Brass Drain Cock BSP Parallel Male End (ISO 228/1)

- 16 Bar Rated • -20°C to +90°C • BS 2879/2 Type A Hose • Connection Outlet • WRAS Approved

	F
½"	45-49.5
¾"	63-69.5



ART 14

Brass Drain Cock Male Spigot

- 16 Bar Rated • -20°C to +90°C
- BS 2879/2 Type A • Hose Connection Outlet
- WRAS Approved

	F
15mm	51.5-56.0



ART 15

Brass Drain Cock Extended Male Spigot

- 16 Bar Rated • -20°C to +90°C
- BS 2879/2 Type A • Hose Connection Outlet
- WRAS Approved

	F
15mm	71.3-75.8



ART 310

Bronze Drain Cock BSP Taper Male End (ISO 7/1)

- 16 Bar Rated • -20°C to +120°C
- BS 2879/2 Type A • Hose Connection Outlet
- WRAS Approved

	F
1/2"	53.5-58.5
3/4"	65.0-71.5



ART 311

Bronze Drain Cock (Lockshield) BSP Taper Male End (ISO 7/1)

- 16 Bar Rated • -20°C to +120°C
- BS 2879/2 Type A • Hose Connection Outlet
- WRAS Approved

	F
1/2"	53.5-58.5
3/4"	65.0-71.5



ART 55 PRS

DZR Brass Ball Valve Press Ends

- Full Bore • 24 Bar Rated (15mm) • 20 Bar Rated (22mm & 28mm) • 17 Bar Rated (35mm - 54mm) • -10°C to +140°C
- Universal M + V Profile 15mm to 35mm
- Dedicated M + V Profiles 42mm and 54mm
- Thermal extensions available • 5 Year Guarantee • WRAS Approved

	F		F
15mm	78	42mm	133
22mm	91	54mm	155(M) 163(V)
28mm	99		
35mm	107		



ART 22 PRS

DZR Brass Fixed Orifice Double Regulating Valve (FODRV) Press Ends

- 24 Bar Rated (15mm) • 20 Bar Rated (22mm & 28mm) • 17 Bar Rated (35mm - 54mm)
- -10°C to +120°C • Universal M + V Profile 15mm to 35mm • Dedicated M Profile 42mm and 54mm • EPDM Seat • 5 Year Guarantee
- Conforms to BS5154

	F		F
15mm L	132	28mm	167
15mm ML	132	35mm	194
15mm	132	42mm	223
22mm	150	54mm	255



ART 25 PRS

DZR Brass Fixed Orifice Double Regulating Valve (FODRV) Press Ends

- 24 Bar Rated (15mm) • 20 Bar Rated (22mm & 28mm) • 17 Bar Rated (35mm - 54mm)
- -10°C to +120°C • Universal M + V Profile 15mm to 35mm • Dedicated M Profile 42mm and 54mm • EPDM Seat • 5 Year Guarantee
- Conforms to BS5154

	F		F
15mm	144	42mm	248
22mm	165	54mm	295
28mm	185		
35mm	216		

Lever ●●●



ART 23 PRS

DZR Brass Double Regulating Valve (DRV) Press Ends

- 24 Bar Rated (15mm) • 20 Bar Rated (22mm & 28mm) • 17 Bar Rated (35mm - 54mm)
- -10°C to +120°C • Universal M + V Profile 15mm to 35mm • Dedicated M Profile 42mm and 54mm • EPDM Seat • Conforms to BS5154 • 5 Year Guarantee

	F		F
15mm L	132	35mm	194
15mm	132	42mm	223
22mm	150	54mm	255
28mm	167		



ART 26 PRS

DZR Brass Double Regulating Valve (DRV) Press Ends

- 20 Bar Rated (15mm - 28mm) • 17 Bar Rated (35mm - 54mm) • -10°C to +120°C
- Universal M + V Profile 15mm to 35mm
- Dedicated M Profile 42mm and 54mm
- EPDM Seat • 5 Year Guarantee • Conforms to BS5154

	F		F
15mm	118	42mm	185
22mm	136	54mm	227
28mm	148		
35mm	164		



ART 994 PRS

3 Piece Stainless Steel Ball Valve Press Ends

- Full Bore • 24 Bar Rated (15mm) • 20 Bar Rated (22mm & 28mm) • 17 Bar Rated (35mm - 54mm) • 10 Bar Rated (76mm - 108mm) • -20°C to +120°C • Dedicated M Profile • RPTFE Seat (15%) • Locking Lever

	F		F	
15mm	87	42mm	158	108mm 329
22mm	101	54mm	186	
28mm	130	76mm	251	
35mm	143	88mm	275	



ART 194 PRS

Brass Swing Check Valve Press Ends

- 16 Bar Rated • -10°C to +150°C • Universal M + V Profile 15mm to 35mm • Dedicated M Profile 42mm and 54mm • EPDM Seat
- 5 Year Guarantee

	F		F
15mm	111	42mm	172
22mm	130	54mm	208
28mm	142		
35mm	156		



ART 198 PRS

DZR Brass 'Y' Type Strainer Press Ends

- 20 Bar Rated • -10°C to +150°C • Universal M + V Profile 15mm to 35mm • Dedicated M Profile 42mm and 54mm • EPDM Seat
- 0.25mm Screen • 5 Year Guarantee

	F		F
15mm	152	42mm	219
22mm	170	54mm	263
28mm	185		
35mm	202		



ART 97I

Thermal Extension

- To suit ART 55PRS
- Consult product datasheet for more details

	F		F
15mm	1C	42mm	3C
22mm	1C	54mm	3C
28mm	2C		
35mm	2C		



ART 62

DZR Fixed Orifice Double Regulating Valve (FODRV)

- 25 Bar Rated • -10°C to +120°C • BSP Parallel (ISO 228/1) • Conforms to BS 7350

	F		F
15	72.5	40	135.0
20	82.0	50	150.0
25	95.0		
32	115.0		



ART 22

DZR Brass Fixed Orifice Double Regulating Valve (FODRV)

- 25 Bar Rated • -10°C to +120°C • BSP Parallel Ends (ISO 228/1) • EPDM Seat
- 5 Year Guarantee • Conforms to BS5154
- WRAS Approved

	F		F
1/2" L	73	1"	95
1/2" ML	73	1 1/4"	122
1/2"	73	1 1/2"	138
3/4"	82	2"	161



ART 23

DZR Brass Double Regulating Valve (DRV)

- 25 Bar Rated • -10°C to +120°C • BSP Parallel Ends (ISO 228/1) • EPDM Seat
- 5 Year Guarantee • Conforms to BS5154
- WRAS Approved

	F		F
1/2" L	73	1 1/4"	122
1/2"	73	1 1/2"	138
3/4"	82	2"	161
1"	95		



ART 25

DZR Brass Fixed Orifice Double Regulating Valve (FODRV)

- 25 Bar Rated • -10°C to +120°C • BSP Parallel Ends (ISO 7/1) • EPDM Seat • 5 Year Guarantee • Conforms to BS 7350 / BS5154

	F		F
1/2"	85	1 1/2"	163
3/4"	97	2"	193
1"	113		
1 1/4"	144		



ART 26

DZR Brass Double Regulating Valve (DRV)

- 20 Bar Rated • -10°C to +120°C • BSP Parallel Ends (ISO 7/1) • EPDM Seat • 5 Year Guarantee • Conforms to BS 7350 / BS5154

	F		F
1/2" L	68	1 1/4"	108
1/2"	68	1 1/2"	116
3/4"	77	2"	143
1"	91		



ART 22 PRS

DZR Brass Fixed Orifice Double Regulating Valve (FODRV) Press Ends

- 24 Bar Rated (15mm) • 20 Bar Rated (22mm & 28mm) • 17 Bar Rated (35mm - 54mm)
- -10°C to +120°C • Universal M + V Profile 15mm to 35mm • Dedicated M Profile 42mm and 54mm • EPDM Seat • 5 Year Guarantee
- Conforms to BS5154

	F		F
15mm L	132	28mm	167
15mm ML	132	35mm	194
15mm	132	42mm	223
22mm	150	54mm	255



ART 23 PRS

DZR Brass Double Regulating Valve (DRV) Press Ends

- 24 Bar Rated (15mm) • 20 Bar Rated (22mm & 28mm) • 17 Bar Rated (35mm - 54mm)
- -10°C to +120°C • Universal M + V Profile 15mm to 35mm • Dedicated M Profile 42mm and 54mm • EPDM Seat • Conforms to BS5154 • 5 Year Guarantee

	F		F
15mm L	132	35mm	194
15mm	132	42mm	223
22mm	150	54mm	255
28mm	167		



ART 25 PRS

DZR Brass Fixed Orifice Double Regulating Valve (FODRV) Press Ends

- 24 Bar Rated (15mm) • 20 Bar Rated (22mm & 28mm) • 17 Bar Rated (35mm - 54mm)
- -10°C to +120°C • Universal M + V Profile 15mm to 35mm • Dedicated M Profile 42mm and 54mm • EPDM Seat • 5 Year Guarantee • Conforms to BS5154

	F		F
15mm	144	42mm	248
22mm	165	54mm	295
28mm	185		
35mm	216		



ART 26 PRS

DZR Brass Double Regulating Valve (DRV) Press Ends

- 20 Bar Rated (15mm - 28mm) • 17 Bar Rated (35mm - 54mm) • -10°C to +120°C
- Universal M + V Profile 15mm to 35mm • Dedicated M Profile 42mm and 54mm • EPDM Seat • 5 Year Guarantee • Conforms to BS5154

	F		F
15mm	118	42mm	185
22mm	136	54mm	227
28mm	148		
35mm	164		



ART 28

DZR Brass Variable Orifice Double Regulating Valve (VODRV)

- 25 Bar Rated • -10°C to +120°C • BSP Parallel Ends (ISO 7/1) • 5 Year Guarantee
- Conforms to BS7350 / BS5154 • WRAS Approved

	F		F
½"	77	1½"	115
¾"	80	2"	124
1"	87		
1¼"	108		



ART 250 PN16

Ductile Iron Double Regulating Valve (DRV) / (VODRV)

- 16 Bar Rated • -20°C to +120°C • Flanged PN16 • C/W Ext & Test Points for Variable Orifice Double Regulating Valve but not fitted
- Conforms to BS5152 / BS7350

	F		F		F
2"	230	5"	400	12"	850
2½"	290	6"	480		
3"	310	8"	600		
4"	350	10"	730		



ART 255

Ductile Iron Flanged Fixed Orifice Double Regulating Valve (FODRV)

- 16 Bar Rated • -20°C to +120°C • Flanged PN16 • C/W Fitted Test Points and Ext loose
- Conforms to BS5152 / BS7350

	F		F		F
2"	230	5"	400	12"	850
2½"	290	6"	480		
3"	310	8"	600		
4"	350	10"	730		



ART 195

PN16 Cast Iron Flanged Suction Diffuser (BS EN1092 PN16)

• 16 Bar Rated • -20°C to +120°C • PN25 and ANSI 125 versions also available • Available with reduced and equal inlets / outlets

View the datasheet for available sizes



ART 197

PN16 Cast Iron Flanged Triple Duty Valve (BS EN1092 PN16)

• 16 Bar Rated • -20°C to +120°C • PN25 and ANSI 125 versions also available

	F		F		F
2"	213	5"	407	12"	762
2½"	250	6"	457		
3"	254	8"	546		
4"	368	10"	648		



ART 2115GB

Fixed Orifice Regulating Wafer Butterfly Valve

• 16 Bar Rated • -10°C to +110°C • Flanged Mounting PN16 only • C/W two extended test points • Supplied fully assembled

	F		F		F
2"	150	5"	195	12"	295
2½"	156	6"	202		
3"	176	8"	238		
4"	165	10"	275		



ART 2135GB

Fixed Orifice Regulating Lugged and Tapped Butterfly Valve

• 16 Bar Rated • -10°C to +110°C • Flanged Mounting PN16 only • C/W two extended test points • Supplied fully assembled

	F		F		F
2"	150	5"	195	12"	295
2½"	156	6"	202		
3"	176	8"	238		
4"	165	10"	275		



ART 27

DZR Brass Orifice Plate (OP)

• 20 Bar Rated • -10°C to +120°C • BSP Parallel (½"), Taper (¾" - 2") M/F Ends (ISO 7/1) • 5 Year Guarantee • Conforms to BS7350

	F		F		F
½"UUL	67	½"	67	1½"	71
½"UL	67	¾"	67	2"	80
½"L	67	1"	64		
½"M	67	1¼"	71		



ART 270 PN16

Stainless Steel Orifice Plate (OP)

• 16 Bar Rated • -10°C to +120°C • Wafer Pattern • C/W Ext & Test Points • Conforms to BS7350

	F		F		F
2"	20	5"	20	12"	20
2½"	20	6"	20		
3"	20	8"	20		
4"	20	10"	20		



ART 29

DZR Brass Automatic Flow Balancing Valve - Constant Flow Regulator (CFR)

- 25 Bar Rated • -20°C to +120°C • BSP Parallel Ends (ISO 228/1) • Wide cartridge selection available • 5 Year Guarantee

	F		F
1/2"	78	1 1/2"	123
3/4"	78	2"	132
1"	85		
1 1/4"	123		



ART 229

Cast Iron Automatic Flow Balancing Valve - Constant Flow Regulator (CFR)

- 16 Bar Rated • -20°C to +120°C • Wafer Pattern • Wide cartridge selection available • 5 Year Guarantee

	F		F		F
2"	170	5"	170	12"	170
2 1/2"	170	6"	170		
3"	170	8"	170		
4"	170	10"	170		



ART 32

DZR Brass Thermostatic Balancing Valve with Anti Legionella Device (ISO 7/1)

- 25 Bar Rated (Static) • Working temp 40°C to 60°C • Anti Legionella temp 70°C • Fluid: Water • WRAS Approved

	F
1/2"	77
3/4"	80
1"	87



ART 20C

DZR Brass Pressure Independent Control Valve (PICV / PIBCV)

- 25 Bar Rated • -10°C to +120°C • BSPM Parallel (ISO 228/1) • ΔP range 16-400 kPa • 5 Year Guarantee • Union Tail Pieces & Gaskets req'd (2 per valve for BSP male connection)

DN	F	Flow (l/s)
10	53	0.012-0.097
15	65	0.024-0.134
20	82	0.042-0.250
25	104	0.076-0.447

DN10-15 available in Low & High Flow variants.



ART 20

DZR Brass Pressure Independent Control Valve (PICV / PIBCV)

- 25 Bar Rated • -10°C to +120°C • BSPF Parallel (ISO 228/1) • ΔP range 14-400 kPa • 5 Year Guarantee • Easy flush due to simple removal of DP control cartridge

DN	F	Flow (l/s)	DN	F	Flow (l/s)
15	96	0.022-0.479	40	144	0.562-1.974
20	97	0.036-0.566	50	155	0.612-2.385
25	103	0.064-0.566			
32	128	0.129-0.849			

DN15-25 available in Low & High Flow variants.



ART C21V / C22V (L) / C23E (L)

Control actuator to fit PICV ART 20C and ART 20

- M30 x 1.5 Swivel knurled nut assembly
- Manual Override • IP54 rated

ART C21V	ART C22V(L)	ART C23E(L)
24VAC 50Hz	230VAC 50Hz	24VAC 50Hz
3-Point control	3-Point control	Mod 0-10V Control



ART 20C UNION TAIL PCS

**2 Piece Union & gasket to suit
ART 20C valves DN10-25**

- 2 required per ART 20C

DN10 - G 1/2" to pipe R 3/8" BSPM
DN15 - G 3/4" to pipe R 1/2" BSPM
DN20 - G 1" to pipe R 3/4" BSPM
DN25 - G 1 1/4" to pipe R 1" BSPM



ART 202

**PN16 Pressure Independent
Control Valve (PICV)**

- 16 Bar Rated • 0°C to +120°C • High and low flow variants available • 25 Bar version also available

	F		F		F
2"	230	5"	400	12"	850
2 1/2"	290	6"	480		
3"	310	8"	600		
4"	350	10"	730		



ART 24

**DZR Brass Differential Pressure
Control Valve (DPCV)**

- 16 Bar Rated • -10°C to +120°C • BSP Parallel Ends (ISO 228/1) • Max ΔP 400 kPa • 5 Year Guarantee

DN	F	Flow (l/s)	DN	F	Flow (l/s)
15	96	0.014-0.167	32	132	0.278-1.389
20	97	0.028-0.556	40	145	0.833-2.222
25	132	0.167-1.167	50	155	1.389-4.167

Matching Partner Valve ART 28DP, available in Low/High ΔP variants.



ART 24C

**DZR Brass Differential Pressure
Control Valve (DPCV)**

- 16 Bar Rated • -10°C to +120°C • BSP Parallel Ends (ISO 228/1) • Max ΔP 400 kPa • 5 Year Guarantee

DN	F	Flow (l/s)
15	59	0.021-0.306
20	66	0.028-0.556
25	72	0.139-0.694

Matching Partner Valve ART 28DP, available in Low/High ΔP variants.



ART 28DP

**DZR Brass Differential Pressure
Control Partner Balancing
Valve (VODRV)**

- 25 Bar Rated • -10°C to +120°C • BSP Parallel Ends (ISO 7/1) • C/W Imp Tube Connection & Test Points • 5 Year Guarantee • Conforms to BS7350 / BS5154

DN	F	DN	F
15	77	32	108
20	80	40	115
25	87	50	124

Partner Valve for ART 24 / ART 24C both in Low/High ΔP variants.



ART 24IT1M, 24IT2M

**Copper Impulse capillary tube
for Differential Pressure
Control Valves**

- ART 24IT available in 1 or 2m length
- G 1/8"



ART 241IT Kit

Copper Impulse capillary tube for ART 241 Differential Pressure Control Valve

- ¼" fitting, Binder Test Point & 4mm 2m length copper tube + compression fittings



ART 242

PN16 Differential Pressure Control Valve (DPCV)

- 16 Bar Rated • -10°C to +120°C (DN50-125)
- -10°C to +110°C (DN150-200)

	F		F	F
2"	230	5"	400	
2½"	290	6"	480	
3"	310	8"	600	
4"	350			



Monolink

H Block Terminal Unit

- 25 Bar Rated • -10°C to +120°C • 40mm and 100mm centres • DN15, 20, 25, 32 & 40
- Factory preassembled and tested • Flexible configuration 'H' piece • Flush & Chemical Cleaning in accordance with BSRIA/CIBSE guidance • 5 Year Guarantee

Contact the sales office for more information.



EasyLink PICV

H Block with PICV

- 20 Bar Rated • 0°C to +120°C • 40mm and 80mm centres • DN15 • Factory preassembled and tested • Flexible configuration H piece • BSRIA BG 2/2010: Commissioning Water Systems • 3 Year Guarantee

Contact the sales office for more information.



EasyLink PICV/S

H Block with PICV and Strainer

- 20 Bar Rated • 0°C to +120°C • 40mm and 80mm centres • DN15 • Factory preassembled and tested • Flexible configuration H piece • BSRIA BG 2/2010: Commissioning Water Systems • 3 Year Guarantee

Contact the sales office for more information.



ART 299

Spare Test Point Set of two, one red tab, one blue tab

ART 298

Spare Test Point Set of two, one red tab, one blue tab C/W Stainless Steel Extension

- 16 Bar Rated • -10°C to +120°C • 25 Bar Rated Option Available



ART 33

Thermostatic Mixing Valve Compression Ends (BS EN1254-2)

- Max Pressure (Static) 10 Bar • Max Pressure (Dynamic) 5 Bar • 30°C to 48°C
- Min flow rate 5 litres / min • WRAS Approved

	F
15mm	131
22mm	155



ART 33SV

Thermostatic Mixing Valve Compression Ends. Complete with Isolation Valves

- Max Pressure (Static) 10 Bar • Max Pressure (Dynamic) 5 Bar • 30°C to 48°C
- Min flow rate 5 litres / min • WRAS Approved

	F
15mm	200
22mm	201



ART 33MBSP

Thermostatic Mixing Valve Male BSP Ends

- Max Pressure (Static) 10 Bar • Max Pressure (Dynamic) 5 Bar • 30°C to 50°C
- Min flow rate 5 litres / min • WRAS Approved

	F
1/2"	114
3/4"	135



ART 34NPT

Thermostatic Mixing Valve

- Max Supply Pressure 125 psi • Temp Adjustment Range 30°C to 49°C • Min flow rate 4 litres / min • ASSE 1017 Approved

	F
1/2"	135
3/4"	146

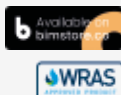


ART 642

Gunmetal Safety Valve BSP Parallel Female Ends (ISO 228/1)

• 16 Bar Rated • -50°C to +195°C • EPDM Diaphragm • WRAS Approved • PED 2014/68/EU

	F		F
1/2"	35	1 1/2"	58
3/4"	42	2"	68
1"	45	2 1/2"	80
1 1/4"	47		



ART 645

Gunmetal High Discharge Safety Valve BSP Parallel Female Ends (ISO 228/1)

• 16 Bar Rated • -50°C to +195°C • EPDM Diaphragm • WRAS Approved • PED 2014/68/EU

	F		F
1/2"	36	1 1/2"	68
3/4"	43	2"	80
1"	47		
1 1/4"	58		



ART 642 FL

Gunmetal Safety Valve DIN Flange PN16 x BSP Parallel Female Ends (ISO 228/1)

• 16 Bar Rated • -50°C to +195°C • EPDM Diaphragm • WRAS Approved

	F		F
1"	45	2 1/2"	80
1 1/4"	47		
1 1/2"	58		
2"	68		



ART 645 FL

Gunmetal Safety Valve DIN Flange PN16 x BSP Parallel Female Ends (ISO 228/1)

• 16 Bar Rated • -50°C to +195°C • EPDM Diaphragm • WRAS Approved

	F
1"	47
1 1/4"	58
1 1/2"	68
2"	80



ART 655

Cast Iron High Discharge Safety Valve Flanged Ends (DIN EN 1092)

• 25 Bar Rated • -10°C to +120°C • EPDM Bellows

	F		F		F
15mm	80	40mm	115	100mm	180
20mm	95	50mm	120		
25mm	100	65mm	140		
32mm	110	80mm	160		



ART 671

DZR Brass Pressure Reducing Valve with Gauge BSP Parallel M/M Ends (ISO 228/1)

• 16 Bar Rated • Adjustable pressure range 0.5 - 6 Bar • Max inlet temp 80°C • Designed and manufactured to BS EN 1567 • WRAS Approved

	F		F
1/2"	163	1 1/2"	239
3/4"	163	2"	254
1"	205		
1 1/4"	214		



ART 675

DZR Brass Pressure Reducing Valve with Gauge Compression Ends (BS EN1254-2)

- 16 Bar Rated (Static) • Adjustable pressure range 1 - 6 Bar • Max inlet temp 80°C
- Conforms to BS EN 1567 • 22mm with 15mm adaptors (adaptors supplied loose)
- WRAS Approved

	F
15mm	123
22mm	104



ART 678 PN16

Gunmetal Pressure Reducing Valve BSP Taper M/M Ends (ISO 7/1)

- 16 Bar Rated • +5°C to +40°C • Outlet pressure 1.5 - 7.0 Bar • WRAS Approved
- PED 2014/68/EU • Also available in Stainless Steel

F	F
1/2"	136
3/4"	152
1"	170
1 1/4"	191

Low Pressure (0.5-3 Bar) & High Pressure (3-12 Bar) versions also available, see datasheet for more information.



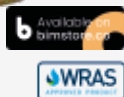
ART 679 PN25

Gunmetal Pressure Reducing Valve BSP Taper M/M Ends (ISO 7/1)

- 25 Bar Rated • +5°C to +85°C • Outlet pressure 1.5 - 7.0 Bar • WRAS Approved
- PED 2014/68/EU • Also available in Stainless Steel

F	F
1/2"	136
3/4"	152
1"	170
1 1/4"	191

Low Pressure (0.5-3 Bar) & High Pressure (3-12 Bar) versions also available, see datasheet for more information.



ART 681M

Gunmetal Pressure Reducing Valve BSP Taper M/M Ends (ISO 7/1)

- 40 Bar Rated • -10°C to +95°C • Outlet Pressure 1 to 8 Bar (Pre-set at 3 Bar)
- Union Tail Pcs included • Optional Pressure Gauge • WRAS Approved • PED 2014/68/EU

F	F
1/2"	142
3/4"	158
1"	180
1 1/4"	193

Low Pressure (0.5-2 Bar) & High Pressure (5-15 Bar) versions available on request, see data-sheet for more information.



ART 681F

Gunmetal Pressure Reducing Valve BSP Parallel F/F Ends (ISO 228/1)

- 40 Bar Rated • -10°C to +95°C • Outlet Pressure 1 to 8 (Pre-set at 3 Bar)
- Optional Pressure Gauge • WRAS Approved • PED 2014/68/EU

F
1/2"
3/4"
1"

Low Pressure (0.5-2 Bar) & High Pressure (5-15 Bar) versions available on request, see data-sheet for more information.



ART 6100 Modulating

PN16 Modulating Float Control Valve (BS EN1092 PN16)

- 16 Bar Rated • 0°C to +80°C • WRAS Approved • Stainless Steel Float • Copper float available • PN25, ANSI 150 and ANSI 300 versions also available

F	F	F
2"	230	5"
2 1/2"	290	6"
3"	310	8"
4"	350	10"



ART 6100 ON/OFF

PN16 ON/OFF Float Control Valve (BS EN1092 PN16)

- 16 Bar Rated • 0°C to +80°C • WRAS Approved Epoxy Coated Body • Copper and Stainless Steel float options available
- PN25, ANSI 150 and ANSI 300 versions also available

	F		F		F
2"	230	5"	400	12"	850
2½"	290	6"	480		
3"	310	8"	600		
4"	350	10"	730		



ART 6100 Modulating with Solenoid

PN16 Modulating Float Control Valve with Solenoid Valve

- 16 Bar Rated • 0°C to +80°C • WRAS Approved Epoxy Coated Body • Copper and Stainless Steel float options available
- PN25, ANSI 150 and ANSI 300 versions also available • Normally Open and Normally Closed versions available

	F		F		F
2"	230	5"	400	12"	850
2½"	290	6"	480		
3"	310	8"	600		
4"	350	10"	730		



ART 6100 ON/OFF with Solenoid

PN16 ON/OFF Float Control Valve with Solenoid Valve

- 16 Bar Rated • 0°C to +80°C • WRAS Approved Epoxy Coated Body • Copper and Stainless Steel float options available
- PN25, ANSI 150 and ANSI 300 versions also available • Normally Open and Normally Closed versions available

	F		F		F
2"	230	5"	400	12"	850
2½"	290	6"	480		
3"	310	8"	600		
4"	350	10"	730		



ART 6200

PN16 Ductile Iron Pressure Reducing Valve with Gauges Flanged Ends (BS EN1092)

- 16 Bar Rated • 0°C to +80°C • Adjustable pressure range 0.7 - 12 Bar (Pre-set at 2.5)
- Automatic Control Valve • WRAS Approved

	F		F		F
2"	230	5"	400	12"	850
2½"	290	6"	480		
3"	310	8"	600		
4"	350	10"	730		



ART 6500

PN16 Adjustable Pressure Relief / Sustaining Valve

- 16 Bar Rated • 0°C to +80°C • Adjustable pressure range 0.70 - 12 Bar • Automatic Control Valve

	F		F		F
2"	230	5"	400	12"	850
2½"	290	6"	480		
3"	310	8"	600		
4"	350	10"	730		



ART 6600

PN16 Solenoid On/Off Control Valve

- 16 Bar Rated • 0°C to +80°C • Automatic Control Valve

	F		F		F
2"	230	5"	400	12"	850
2½"	290	6"	480		
3"	310	8"	600		
4"	350	10"	730		

Available flanged PN25.



ART 6800

PN16 Ductile Iron Pressure Reducing Valve with Low Flow Bypass (BS EN1092)

- 16 Bar Rated • 0°C to +80°C • Adjustable pressure range 1.37 - 12 Bar • Automatic Control Valve • WRAS Approved

	F		F		F
2"	230	5"	400	12"	850
2½"	290	6"	480		
3"	310	8"	600		
4"	350	10"	730		



ART 682

Gunmetal Pressure Reducing Valve Flanged Ends (DIN EN 1092)

- 40 Bar Rated • -20°C to +120°C • Outlet Pressure 1 to 8 Bar • WRAS Approved
- PED 2014/68/EU

	F		F		F
15mm	130	40mm	200	100mm	350
20mm	150	50mm	230		
25mm	160	65mm	290		
32mm	180	80mm	310		



ART 622

Brass Adjustable Pressure Relief Valve BSP Parallel Female Ends (ISO 228/1)

- 16 Bar Rated • Adjustable pressure range 0.5 - 16 Bar • 0°C to +150°C

	F		F
½"	36	1½"	63
¾"	40	2"	75
1"	47	2½"	80
1¼"	56	3"	85

This product is subject to a lead time. Low Pressure (0.5-2 Bar) & High Pressure (5-15 Bar) versions also available, see datasheet for more information.



ART 617

Gunmetal Overflow and Pressure Relief Valve BSP Parallel Female Ends (ISO 228/1)

- 20 Bar Rated • -60°C to +225°C
- PTFE Seal

	F		F
¾"	27	1¼"	45
½"	30	1½"	50
¾"	33	2"	60
1"	40		



ART 417

Stainless Steel Overflow and Pressure Relief Valve BSP Parallel Female Ends (ISO 228/1)

- 20 Bar Rated • -60°C to +225°C
- PTFE Seal

	F		F
¾"	30	1¼"	50
½"	34	1½"	61
¾"	40	2"	67
1"	46		



ART 481M

Stainless Steel Pressure Reducing Valve BSP Taper M/M Ends (ISO 7/1)

- 40 Bar Rated • -10°C to +95°C • EPDM Seal • Outlet Pressure 1 to 8 Bar • WRAS Approved

	F		F
½"	142	1½"	226
¾"	158	2"	252
1"	180		
1¼"	193		

This product is subject to a lead time. Low Pressure (0.5-2 Bar) & High Pressure (5-15 Bar) versions also available, see datasheet for more information.



ART 481F

Stainless Steel Pressure Reducing Valve BSP Parallel F/F Ends (ISO 228/1)

- 40 Bar Rated
- -10°C to +95°C
- EPDM Seal
- Outlet Pressure 1 to 8 Bar
- WRAS Approved

	F
1/2"	85
3/4"	95
1"	105



ART 688

PN16 Cast Iron Pressure Reducing Valve Flanged Ends

- 16 Bar Rated
- +5°C to +65°C
- Adjustable pressure range 0.5 to 12 bar (across standard, low and high variations)
- Conforms to BS EN 1567
- WRAS Approved

	F		F
2"	230	5"	400
2 1/2"	290		
3"	310		
4"	350		



ART 689

PN25 Cast Iron Pressure Reducing Valve Flanged Ends

- 25 Bar Rated
- +5°C to +65°C
- Adjustable pressure range 1.5 to 12 bar (across standard and high variations)
- Conforms to BS EN 1567
- WRAS Approved

	F		F
2"	230	5"	400
2 1/2"	290		
3"	310		
4"	350		

This product is subject to a lead time. Low Pressure (0.5-2 Bar) & High Pressure (5-15 Bar) versions also available, see datasheet for more information.



SLP N/C (EPDM)

Brass Solenoid Valve Pilot
Operated 2/2 way Normally
Closed (ISO 228/1)

- Body Brass • EPDM Diaphragm • Voltage 24V ac/dc, 110v ac, 230v ac, 12v dc • 0°C to +120°C • WRAS Approved

	F		F
3/8"	66	1 1/4"	131
1/2"	66	1 1/2"	131
3/4"	75	2"	165
1"	96		



SLP N/O (EPDM)

Brass Solenoid Valve Pilot
Operated 2/2 way Normally
Open (ISO 228/1)

- Body Brass • EPDM Diaphragm • Voltage 24V ac/dc, 110v ac, 230v ac, 12v dc • 0°C to +120°C • WRAS Approved

	F		F
3/8"	66	1 1/4"	131
1/2"	66	1 1/2"	131
3/4"	75	2"	165
1"	96		



SLP N/C (NBR)

Brass Solenoid Valve Pilot
Operated 2/2 way Normally
Closed (ISO 228/1)

- Body Brass • NBR Diaphragm • Voltage 24V ac/dc, 110v ac, 230v ac, 12v dc • 0°C to +80°C

	F		F
3/8"	66	1 1/4"	131
1/2"	66	1 1/2"	131
3/4"	75	2"	165
1"	96		



SLP N/O (NBR)

Brass Solenoid Valve Pilot
Operated 2/2 way Normally
Open (ISO 228/1)

- Body Brass • NBR Diaphragm • Voltage 24V ac/dc, 110v ac, 230v ac, 12v dc • 0°C to +80°C

	F		F
3/8"	66	1 1/4"	131
1/2"	66	1 1/2"	131
3/4"	75	2"	165
1"	96		



ZS N/C (EPDM)

Brass Solenoid Valve
Servo-activated 2/2 way
Normally Closed (ISO 228/1)

- Body Brass • EPDM Diaphragm • Voltage 24V ac/dc, 110v ac, 230v ac, 12v dc • 0°C to +120°C

	F		F
1/4"	50	1"	99
3/8"	50	1 1/4"	112
1/2"	50	1 1/2"	123
3/4"	73	2"	168



ZS N/O (EPDM)

Brass Solenoid Valve
Servo-activated 2/2 way
Normally Open (ISO 228/1)

- Body Brass • EPDM Diaphragm • Voltage 24V ac/dc, 110v ac, 230v ac, 12v dc • 0°C to +120°C

	F		F
3/8"	69	1 1/4"	112
1/2"	69	1 1/2"	123
3/4"	73	2"	168
1"	99		



ZS N/C (NBR)

Brass Solenoid Valve
Servo-activated 2/2 way
Normally Closed (ISO 228/1)

- Body Brass • NBR Diaphragm
- Voltage 24V ac/dc, 110v ac, 230v ac, 12v dc • 0°C to +80°C

	F		F
1/4"	50	1"	99
3/8"	50	1 1/4"	112
1/2"	50	1 1/2"	123
3/4"	73	2"	168



ZS N/O (NBR)

Brass Solenoid Valve
Servo-activated 2/2 way
Normally Open (ISO 228/1)

- Body Brass • NBR Diaphragm
- Voltage 24V ac/dc, 110v ac, 230v ac, 12v dc • 0°C to +80°C

	F		F
3/8"	69	1 1/4"	112
1/2"	69	1 1/2"	123
3/4"	73	2"	168
1"	99		



ZS N/C (FPM)

Brass Solenoid Valve
Servo-activated 2/2 way
Normally Closed (ISO 228/1)

- Body Brass • FPM Diaphragm
- Voltage 24V ac/dc, 110v ac, 230v ac, 12v dc • 0°C to +120°C

	F		F
1/4"	50	1"	99
3/8"	50	1 1/4"	112
1/2"	50	1 1/2"	123
3/4"	73	2"	168



ZS N/O (FPM)

Brass Solenoid Valve
Servo-activated 2/2 way
Normally Open (ISO 228/1)

- Body Brass • FPM Diaphragm
- Voltage 24V ac/dc, 110v ac, 230v ac, 12v dc • 0°C to +120°C

	F		F
3/8"	69	1 1/4"	112
1/2"	69	1 1/2"	123
3/4"	73	2"	168
1"	99		



ZS N/C (EPDM)

Stainless Solenoid Valve
Servo-activated 2/2 way
Normally Closed (ISO 228/1)

- Body Stainless • EPDM Diaphragm
- Voltage 24V ac/dc, 110v ac, 230v ac, 12v dc • 0°C to +120°C

	F		F
3/8"	69	1 1/4"	112
1/2"	69	1 1/2"	123
3/4"	73	2"	168
1"	99		



ZS N/O (EPDM)

Stainless Solenoid Valve
Servo-activated 2/2 way
Normally Open (ISO 228/1)

- Body Stainless • EPDM Diaphragm
- Voltage 24V ac/dc, 110v ac, 230v ac, 12v dc • 0°C to +120°C

	F		F
3/8"	69	1 1/4"	112
1/2"	69	1 1/2"	123
3/4"	73	2"	168
1"	99		



ZS N/C (NBR)

**Stainless Solenoid Valve
Servo-activated 2/2 way
Normally Closed (ISO 228/1)**

- Body Stainless • NBR Diaphragm
- Voltage 24V ac/dc, 110v ac, 230v ac, 12v dc • 0°C to +80°C

	F		F
3/8"	69	1 1/4"	112
1/2"	69	1 1/2"	123
3/4"	73	2"	168
1"	99		



ZS N/O (NBR)

**Stainless Solenoid Valve
Servo-activated 2/2 way
Normally Open (ISO 228/1)**

- Body Stainless • NBR Diaphragm
- Voltage 24V ac/dc, 110v ac, 230v ac, 12v dc • 0°C to +80°C

	F		F
3/8"	69	1 1/4"	112
1/2"	69	1 1/2"	123
3/4"	73	2"	168
1"	99		



ZS N/C (FPM)

**Stainless Solenoid Valve
Servo-activated 2/2 way
Normally Closed (ISO 228/1)**

- Body Stainless • FPM Diaphragm
- Voltage 24V ac/dc, 110v ac, 230v ac, 12v dc • 0°C to +120°C

	F		F
3/8"	69	1 1/4"	112
1/2"	69	1 1/2"	123
3/4"	73	2"	168
1"	99		



ZS N/O (FPM)

**Stainless Solenoid Valve
Servo-activated 2/2 way
Normally Open (ISO 228/1)**

- Body Stainless • FPM Diaphragm
- Voltage 24V ac/dc, 110v ac, 230v ac, 12v dc • 0°C to +120°C

	F		F
3/8"	69	1 1/4"	112
1/2"	69	1 1/2"	123
3/4"	73	2"	168
1"	99		



THP N/C (PTFE)

**Brass Solenoid Valve Pilot
Operated 2/2 way Normally
Closed (ISO 228/1)**

- Body Brass • PTFE Diaphragm
- Voltage 24V ac/dc, 110v ac, 230v ac, 12v dc • 0°C to +165°C

	F		F
3/8"	75	1 1/4"	120
1/2"	75	1 1/2"	120
3/4"	85	2"	150
1"	100		



ART GSV N/C (NBR) 1/2" - 1"

**Automatic Gas Solenoid Valve
BSP Parallel (ISO 228/1)**

- Body Aluminium Alloy • Voltage 230VAC, 110VAC, 24VAC, 24VDC • -20°C to +60°C • EN161 Gas Approved • PED 2014/68/EU

	F
1/2"	72
3/4"	72
1"	72



ART GSV N/C (NBR) 1 1/4" - 2"

**Automatic Gas Solenoid Valve
BSP Parallel (ISO 228/1)**

- Body Aluminium Alloy • Voltage 230VAC, 110VAC • -20°C to +60°C • EN161 Gas Approved • PED 2014/68/EU

	F
1 1/4"	165
1 1/2"	165
2"	165

Other voltages available on request.



ART GSF N/C (NBR) 2 1/2" - 4"

**PN16 Automatic Gas Solenoid
Valve**

- Body Aluminium Alloy • Voltage 230VAC • -20°C to +60°C • EN161 Gas Approved • PED 2014/68/EU

	F
2 1/2"	350
3"	350
4"	350

Other voltages available on request.



NAMUR SOLENOID

**Universal Direct Mount
Namur Solenoid**

- Life Cycle 12,000,000 Operations • 5/2 - 3/2 Interchangeable • Voltage 110v ac, 230v ac, 24v ac/dc • IP65 • Manual Over-ride Control • -20°C to +60°C



MAGNETS

**Magnets to suit Albion's
Solenoid Valve Range**

- Permanent magnet moulded in ABS plastic
- Generic design fits most Solenoid Valve

Sizes available
10mm
15mm
18mm



PUT TIMER

**Range 0.5 to 10 Seconds On,
30 Seconds to 45 Mins Off
LED Light to indicate timing**

78 x 43 x 31



AL15

15NM Electric Actuator for Albion Ball Valves

- 15NM • 24VAC & 12-24VDC, 110-230VAC
- IP67 • Duty Cycle 40% • ON/OFF Control
- ISO5211 Direct Mount • 4-20mA Modulating version available in 24VAC & 12-24VDC

Visit Albion's website for full actuator package configurations.



HL05 - HL200

Electric Actuator for Albion Butterfly Valves

- 50NM - 2000NM • 110VAC, 230VAC, 24VAC/DC • IP67 • Duty Cycle: ON/OFF S2: 35%. Modulating Type: S4:50% • ISO5211 Direct Mount

Visit Albion's website for full actuator package configurations.



HQ3

30NM HQ Electric Actuator for Albion Ball and Butterfly Valves

- 30NM • 110VAC, 230VAC, 24VDC • IP67
- Duty Cycle (ON/OFF) S4: 50% • ISO5211 Direct Mount

Visit Albion's website for full actuator package configurations.



HQ5

50NM HQ Electric Actuator for Albion Ball and Butterfly Valves

- 50NM • 110VAC, 220VAC, 24VAC, 24VDC
- IP67 • Duty Cycle (ON/OFF) S4: 70%, S2: 50% • ISO5211 Direct Mount • Rechargeable battery backup also available • Refer to the datasheet for optional specification

Visit Albion's website for full actuator package configurations.



HQ4 & HQ6

40NM & 60NM HQ Electric Actuator for Albion Ball and Butterfly Valves

- 40NM & 60NM • 110VAC, 240VAC, 24VAC, 24VDC • IP67 • Duty Cycle (ON/OFF) S2: 35% • ISO5211 Direct Mount • Refer to the datasheet for optional specification

Visit Albion's website for full actuator package configurations.



HQ8 - HQ120

HQ Electric Actuator for Albion Ball and Butterfly Valves

- Available in 80NM, 150NM, 200NM, 300NM, 500NM, 600NM, 800NM, 1200NM
- 110VAC, 240VAC, 24VAC, 24VDC • IP67 (IP68 option available) • Duty Cycle (ON/OFF) S4: 70% • ISO5211 Direct Mount • Refer to the datasheet for optional specification

Visit Albion's website for full actuator package configurations.



HP Pneumatic DA

Direct Acting HP Pneumatic Actuator for Albion Ball and Butterfly Valves

- Large range of operating torques • ISO5211 Direct Mount • VDI/VDE 3845 Namur Interface Input • Use with Switchbox / Output

Visit Albion's website for full actuator package configurations.



HP Pneumatic SR

Spring Return HP Pneumatic Actuator for Albion Ball and Butterfly Valves

- Large range of operating torques • ISO5211 Direct Mount • VDI/VDE 3845 Namur Interface Input • Use with Switchbox / Output

Visit Albion's website for full actuator package configurations.



ART 160 AL15

2 Piece Brass Ball Valve BSP Parallel F/F Ends (ISO 228/1)

- C/W Electric Actuator • On/Off 110-230VAC • On/Off 24VAC, 12-24VDC • 4-20mA Mod 24VAC, 12-24VDC

	F		F
1/4"	64	1"	88
3/8"	64	1 1/4"	96
1/2"	64	1 1/2"	103
3/4"	76	2"	121



ART 160 EL

2 Piece Brass Ball Valve BSP Parallel F/F Ends (ISO 228/1)

- C/W Electric Actuator • 110VAC, 230VAC, 24VAC, 24VDC

	F		F		F
1/4"	64	1"	88	2 1/2"	165
3/8"	64	1 1/4"	96	3"	188
1/2"	64	1 1/2"	103		
3/4"	76	2"	121		

Other voltages available on request.



ART 160 DA

2 Piece Brass Ball Valve BSP Parallel F/F Ends (ISO 228/1)

- C/W Double Acting Pneumatic Actuator

	F		F		F
1/4"	64	1"	88	2 1/2"	165
3/8"	64	1 1/4"	96	3"	188
1/2"	64	1 1/2"	103		
3/4"	76	2"	121		

Other voltages available on request.



ART 160 SR

2 Piece Brass Ball Valve BSP Parallel F/F Ends (ISO 228/1)

- C/W Spring Return Pneumatic Actuator

	F		F		F
1/4"	64	1"	88	2 1/2"	165
3/8"	64	1 1/4"	96	3"	188
1/2"	64	1 1/2"	103		
3/4"	76	2"	121		

Other voltages available on request.



ART 993H AL15

3 Piece Stainless Steel Ball Valve BSP Taper Ends (ISO 7/1)

- C/W Electric Actuator • On/Off 110-230VAC
- On/Off 24VAC, 12-24VDC • 4-20mA Mod 24VAC, 12-24VDC

	F		F
1/4"	50	1"	90
3/8"	60		
1/2"	75		
3/4"	80		



ART 993H EL

3 Piece Stainless Steel Ball Valve BSP Taper Ends (ISO 7/1)

- C/W Electric Actuator • 110VAC, 230VAC, 24VAC, 24VDC • ATEX actuator available on request

	F		F		F
1/4"	50	1"	90	2 1/2"	185
3/8"	60	1 1/4"	110	3"	205
1/2"	75	1 1/2"	120	4"	240
3/4"	80	2"	140		



ART 993H DA

3 Piece Stainless Steel Ball Valve BSP Taper Ends (ISO 7/1)

- C/W Double Acting Pneumatic Actuator

	F		F		F
1/4"	50	1"	90	2 1/2"	185
3/8"	60	1 1/4"	110	3"	205
1/2"	75	1 1/2"	120	4"	240
3/4"	80	2"	140		

Other voltages available on request.



ART 993H SR

3 Piece Stainless Steel Ball Valve BSP Taper Ends (ISO 7/1)

- C/W Spring Return Pneumatic Actuator

	F		F		F
1/4"	50	1"	90	2 1/2"	185
3/8"	60	1 1/4"	110	3"	205
1/2"	75	1 1/2"	120	4"	240
3/4"	80	2"	140		



ART 88/87 EL

Brass L & T Port Ball Valve BSP Parallel F/F Ends (ISO 228/1)

- C/W Electric Actuator • 110VAC, 230VAC, 24VAC, 24VDC

	F		F
1/4"	65	1"	105
3/8"	65	1 1/4"	118
1/2"	78	1 1/2"	134
3/4"	87	2"	161



ART 88/87 DA

Brass L & T Port Ball Valve BSP Parallel F/F Ends (ISO 228/1)

- C/W Double Acting Pneumatic Actuator

	F		F
1/4"	65	1"	105
3/8"	65	1 1/4"	118
1/2"	78	1 1/2"	134
3/4"	87	2"	161

Other voltages available on request.



ART 88/87 SR

Brass L & T Port Ball Valve BSP Parallel F/F Ends (ISO 228/1)

- C/W Spring Return Pneumatic Actuator

F		F	
1/4"	65	1"	105
3/8"	65	1 1/4"	118
1/2"	78	1 1/2"	134
3/4"	87	2"	161



ART 988/987 EL

Stainless Steel L & T Port Ball Valve BSP Taper F/F Ends (ISO 7/1)

- C/W Electric Actuator • 110VAC, 230VAC, 24VAC, 24VDC • ATEX actuator available on request

F		F		F	
1/4"	75	1"	100	2 1/2"	178
3/8"	75	1 1/4"	122	3"	202
1/2"	75	1 1/2"	131	4"	246
3/4"	85	2"	158		



ART 988/987 DA

Stainless Steel L & T Port Ball Valve BSP Taper F/F Ends (ISO 7/1)

- C/W Double Acting Pneumatic Actuator

F		F		F	
1/4"	75	1"	100	2 1/2"	178
3/8"	75	1 1/4"	122	3"	202
1/2"	75	1 1/2"	131	4"	246
3/4"	85	2"	158		

Other voltages available on request.



ART 988/987 SR

Stainless Steel L & T Port Ball Valve BSP Taper F/F Ends (ISO 7/1)

- C/W Spring Return Pneumatic Actuator

F		F		F	
1/4"	75	1"	100	2 1/2"	178
3/8"	75	1 1/4"	122	3"	202
1/2"	75	1 1/2"	131	4"	246
3/4"	85	2"	158		



ART 926 EL

2 Piece Stainless Steel Flanged PN16/40 Ball Valve

- C/W Electric Actuator • 110VAC, 230VAC, 24VAC, 24VDC • ATEX actuator available on request

F		F		F	
1/2"	115	1 1/2"	140	4"	190
3/4"	120	2"	150		
1"	125	2 1/2"	170		
1 1/4"	130	3"	180		



ART 926 DA

2 Piece Stainless Steel Flanged PN16/40 Ball Valve

- C/W Double Acting Pneumatic Actuator

F		F		F	
1/2"	115	1 1/2"	140	4"	190
3/4"	120	2"	150		
1"	125	2 1/2"	170		
1 1/4"	130	3"	180		





ART 926 SR

2 Piece Stainless Steel Flanged PN16/40 Ball Valve

• C/W Spring Return Pneumatic Actuator

	F		F		F
½"	115	1½"	140	4"	190
¾"	120	2"	150		
1"	125	2½"	170		
1¼"	130	3"	180		







ART 928 EL

2 Piece Stainless Steel ANSI CLASS 150 Flanged Ball Valve

• C/W Electric Actuator • 110VAC, 230VAC, 24VAC, 24VDC • ATEX actuator available on request

	F		F		F
½"	108	1½"	165	4"	229
¾"	117	2"	178		
1"	127	2½"	190		
1¼"	140	3"	203		





ART 928 DA


2 Piece Stainless Steel ANSI CLASS 150 Flanged Ball Valve

• C/W Double Acting Pneumatic Actuator

	F		F		F
½"	108	1½"	165	4"	229
¾"	117	2"	178		
1"	127	2½"	190		
1¼"	140	3"	203		

Other voltages available on request.





ART 928 SR

2 Piece Stainless Steel ANSI CLASS 150 Flanged Ball Valve

• C/W Spring Return Pneumatic Actuator

	F		F		F
½"	108	1½"	165	4"	229
¾"	117	2"	178		
1"	127	2½"	190		
1¼"	140	3"	203		







ART 956 EL

2 Piece Stainless Steel Flanged PN16/40 Fire Safe Ball Valve

• C/W Electric Actuator • 110VAC, 230VAC, 24VAC, 24VDC • ATEX actuator available on request

	F		F		F
½"	115	1½"	140	4"	190
¾"	120	2"	150		
1"	125	2½"	170		
1¼"	130	3"	180		





ART 956 DA

2 Piece Stainless Steel Flanged PN16/40 Fire Safe Ball Valve

• C/W Double Acting Pneumatic Actuator

	F		F		F
½"	115	1½"	140	4"	190
¾"	120	2"	150		
1"	125	2½"	170		
1¼"	130	3"	180		

Other voltages available on request.



ART 956 SR

**2 Piece Stainless Steel Flanged
PN16/40 Fire Safe Ball Valve**

- C/W Spring Return Pneumatic Actuator

	F		F		F
1/2"	115	1 1/2"	140	4"	190
3/4"	120	2"	150		
1"	125	2 1/2"	170		
1 1/4"	130	3"	180		



ART 958 EL

**2 Piece Stainless Steel Flanged
ANSI CLASS 150 Fire Safe
Ball Valve**

- C/W Electric Actuator • 110VAC, 230VAC, 24VAC, 24VDC • ATEX actuator available on request

	F		F		F
1/2"	108	1 1/2"	165	4"	229
3/4"	117	2"	178		
1"	127	2 1/2"	190		
1 1/4"	140	3"	203		



ART 958 DA

**2 Piece Stainless Steel Flanged
ANSI CLASS 150 Fire Safe
Ball Valve**

- C/W Double Acting Pneumatic Actuator

	F		F		F
1/2"	108	1 1/2"	165	4"	229
3/4"	117	2"	178		
1"	127	2 1/2"	190		
1 1/4"	140	3"	203		

Other voltages available on request.



ART 958 SR

**2 Piece Stainless Steel Flanged
ANSI CLASS 150 Fire Safe
Ball Valve**

- C/W Spring Return Pneumatic Actuator

	F		F		F
1/2"	108	1 1/2"	165	4"	229
3/4"	117	2"	178		
1"	127	2 1/2"	190		
1 1/4"	140	3"	203		



ART 995T EL

**3 Piece Stainless Steel Fire
Safe Ball Valve BSP Taper F/F
Ends (ISO 7/1)**

- C/W Electric Actuator • 110VAC, 230VAC, 24VAC, 24VDC • ATEX actuator available on request

	F		F		F
1/2"	75	1 1/2"	120	4"	240
3/4"	80	2"	140		
1"	90	2 1/2"	185		
1 1/4"	110	3"	205		



ART 995T DA

**3 Piece Stainless Steel Fire
Safe Ball Valve BSP Taper F/F
Ends (ISO 7/1)**

- C/W Double Acting Pneumatic Actuator

	F		F		F
1/2"	75	1 1/2"	120	4"	240
3/4"	80	2"	140		
1"	90	2 1/2"	185		
1 1/4"	110	3"	205		

Other voltages available on request.



ART 995T SR

3 Piece Stainless Steel Fire Safe Ball Valve BSP Taper F/F Ends (ISO 7/1)

- C/W Spring Return Pneumatic Actuator

	F		F		F
1/2"	75	1 1/2"	120	4"	240
3/4"	80	2"	140		
1"	90	2 1/2"	185		
1 1/4"	110	3"	205		



ART 995NPT EL

3 Piece Stainless Steel Fire Safe Ball Valve NPT F/F Ends (ANSI B1.20.1)

- C/W Electric Actuator • 110VAC, 230VAC, 24VAC, 24VDC • ATEX actuator available on request

	F		F		F
1/2"	75	1 1/2"	120	4"	240
3/4"	80	2"	140		
1"	90	2 1/2"	185		
1 1/4"	110	3"	205		



ART 995NPT DA

3 Piece Stainless Steel Fire Safe Ball Valve NPT F/F Ends (ANSI B1.20.1)

- C/W Double Acting Pneumatic Actuator

	F		F		F
1/2"	75	1 1/2"	120	4"	240
3/4"	80	2"	140		
1"	90	2 1/2"	185		
1 1/4"	110	3"	205		

Other voltages available on request.



ART 995NPT SR

3 Piece Stainless Steel Fire Safe Ball Valve NPT F/F Ends (ANSI B1.20.1)

- C/W Spring Return Pneumatic Actuator

	F		F		F
1/2"	75	1 1/2"	120	4"	240
3/4"	80	2"	140		
1"	90	2 1/2"	185		
1 1/4"	110	3"	205		



ART 280 EL

2 Piece Ductile Iron PN16 Flanged Ball Valve

- C/W Electric Actuator • 110VAC, 230VAC, 24VAC, 24VDC

	F		F		F
1"	125	2 1/2"	170	6"	210
1 1/4"	130	3"	180	8"	400
1 1/2"	140	4"	190		
2"	150	5"	200		



ART 280 DA

2 Piece Ductile Iron PN16 Flanged Ball Valve

- C/W Double Acting Pneumatic Actuator

	F		F		F
1"	125	2 1/2"	170	6"	210
1 1/4"	130	3"	180	8"	400
1 1/2"	140	4"	190		
2"	150	5"	200		

Other voltages available on request.



ART 280 SR

**2 Piece Ductile Iron PN16
Flanged Ball Valve**

- C/W Spring Return Pneumatic Actuator

	F		F		F
1"	125	2½"	170	6"	210
1¼"	130	3"	180	8"	400
1½"	140	4"	190		
2"	150	5"	200		



ART 126 EL

**Ductile Iron Wafer
Butterfly Valve**

- C/W Electric Actuator • Stainless Steel Disc
- EPDM Liner • WRAS Approved

	F		F		F
2"	42.0	5"	54.4	12"	76.9
2½"	44.7	6"	55.8		
3"	45.2	8"	60.6		
4"	52.0	10"	65.6		



ART 141 EL

**Ductile Iron Lugged and Tapped
Butterfly Valve**

- C/W Electric Actuator • Stainless Steel Disc
- EPDM Liner • WRAS Approved

	F		F		F
2"	42.0	5"	54.4	12"	76.9
2½"	44.7	6"	55.8		
3"	45.2	8"	60.6		
4"	52.0	10"	65.6		



ART 135 EL

**Ductile Iron Lugged and
Tapped Butterfly Valve**

- C/W Electric Actuator • 110VAC, 230VAC, 24VAC, 24VDC • Stainless Steel Disc • EPDM Liner • WRAS Approved 2" - 12" only

	F		F		F
2"	41	5"	54	12"	76
2½"	44	6"	55	14"	78
3"	45	8"	60	16"	102
4"	51	10"	65	18"	114



ART 135 DA

**Ductile Iron Lugged and
Tapped Butterfly Valve**

- C/W Double Acting Pneumatic Actuator
- Stainless Steel Disc • EPDM Liner • WRAS Approved 2" - 12" only

	F		F		F
2"	41	5"	54	12"	76
2½"	44	6"	55	14"	78
3"	45	8"	60	16"	102
4"	51	10"	65	18"	114



ART 135 SR

**Ductile Iron Lugged and
Tapped Butterfly Valve**

- C/W Spring Return Pneumatic Actuator
- Stainless Steel Disc • EPDM Liner • WRAS Approved 2" - 12" only

	F		F		F
2"	41	5"	54	12"	76
2½"	44	6"	55	14"	78
3"	45	8"	60	16"	102
4"	51	10"	65	18"	114

Other voltages available on request.



ART 140 EL

Ductile Iron Lugged and Tapped Butterfly Valve

- C/W Electric Actuator • 110VAC, 230VAC, 24VAC, 24VDC
- Stainless Steel Disc • EPDM Liner

	F		F		F
2"	42	5"	54	12"	77
2½"	45	6"	56		
3"	45	8"	61		
4"	52	10"	66		



ART 140 DA

Ductile Iron Lugged and Tapped Butterfly Valve

- C/W Double Acting Pneumatic Actuator
- Stainless Steel Disc • EPDM Liner

	F		F		F
2"	42	5"	54	12"	77
2½"	45	6"	56		
3"	45	8"	61		
4"	52	10"	66		



ART 140 SR

Ductile Iron Lugged and Tapped Butterfly Valve

- C/W Spring Return Pneumatic Actuator
- Stainless Steel Disc • EPDM Liner

	F		F		F
2"	42	5"	54	12"	77
2½"	45	6"	56		
3"	45	8"	61		
4"	52	10"	66		

Other voltages available on request.



ART 145 EL

Ductile Iron Lugged and Tapped Butterfly Valve

- C/W Electric Actuator • 110VAC, 230VAC, 24VAC, 24VDC
- DI Zinc Plated Disc • NBR Liner

	F		F		F
2"	41	5"	54	12"	76
2½"	44	6"	55		
3"	45	8"	60		
4"	51	10"	65		



ART 145 DA

Ductile Iron Lugged and Tapped Butterfly Valve

- C/W Double Acting Pneumatic Actuator
- DI Zinc Plated Disc • NBR Liner

	F		F		F
2"	41	5"	54	12"	76
2½"	44	6"	55		
3"	45	8"	60		
4"	51	10"	65		



ART 145 SR

Ductile Iron Lugged and Tapped Butterfly Valve

- C/W Spring Return Pneumatic Actuator
- DI Zinc Plated Disc • NBR Liner

	F		F		F
2"	41	5"	54	12"	76
2½"	44	6"	55		
3"	45	8"	60		
4"	51	10"	65		

Other voltages available on request.



ART 115 EL

Ductile Iron Wafer Butterfly Valve

- C/W Electric Actuator • 110VAC, 230VAC, 24VAC, 24VDC • Stainless Steel Disc • EPDM Liner • WRAS Approved

	F		F		F
2"	41	5"	54	12"	76
2½"	44	6"	55		
3"	45	8"	60		
4"	51	10"	65		



ART 115 DA

Ductile Iron Wafer Butterfly Valve

- C/W Double Acting Pneumatic Actuator • Stainless Steel Disc • EPDM Liner • WRAS Approved

	F		F		F
2"	41	5"	54	12"	76
2½"	44	6"	55		
3"	45	8"	60		
4"	51	10"	65		



ART 115 SR

Ductile Iron Wafer Butterfly Valve

- C/W Spring Return Pneumatic Actuator • Stainless Steel Disc • EPDM Liner • WRAS Approved

	F		F		F
2"	41	5"	54	12"	76
2½"	44	6"	55		
3"	45	8"	60		
4"	51	10"	65		

Other voltages available on request.



Namur

Universal Direct Mount Namur Solenoid

- Life Cycle 12,000,000 Operations • 5/2 - 3/2 Interchangeable Voltage 110VAC, 230VAC, 24V AC/DC • IP65 • Manual Over-ride Control • -20°C to +60°C



ART SB

Switch Box

- C/W 2 x V3 Micro Switches



ART 1310

Automatic Air Vent BSP
Parallel Male End (ISO 228/1)

- Body Brass CW617N • 10 Bar Rated
- 0°C to +110°C

	F
½"	75
¾"	75
1"	79



ART 1300

Bronze Air Release Valve BSP
Parallel Male End (ISO 228/1)

- Body Bronze C83600 • 10 Bar Rated
- 0°C to +110°C

	F
½"	75.1
¾"	75.1
1"	79.0



DEUFF

Dielectric Union F/F BSP
Parallel (ISO 228/1) or NPT
(ANSI B1.20.1)

- Female iron pipe thread to female brass thread • 17.2 Bar Rated (250 psi) • Max temp 82°C • ASSE 1079

	F		F
½"	52	1½"	74
¾"	56	2"	81
1"	63		
1¼"	68		



DEUMF

Dielectric Union M/F BSP
Parallel (ISO 228/1) or NPT
(ANSI B1.20.1)

- Female iron pipe thread to male brass pipe thread • 17.2 Bar Rated (250 psi) • Max temp 82°C • ASSE 1079

	F		F
½"	57	1½"	75
¾"	59.5	2"	79
1"	67		
1¼"	73		



DEUMM

Dielectric Union M/M BSP
Parallel (ISO 228/1) or NPT
(ANSI B1.20.1)

- Male iron pipe thread to male brass pipe thread • 17.2 Bar Rated (250 psi) • Max temp 82°C • ASSE 1079

	F		F
½"	77	1½"	106
¾"	82	2"	112
1"	94		
1¼"	100		



DEUSF

Dielectric Union S/F BSP
Parallel (ISO 228/1) or NPT
(ANSI B1.20.1)

- Female iron pipe thread to brass solder end • 17.2 Bar Rated (250 psi) • Max temp 82°C • ASSE 1079

	F		F
½"	46	1½"	71
¾"	52	2"	75
1"	58		
1¼"	65		



DEFWS

Dielectric Flange

- Steel side weld end to brass side solder end • 17.2 Bar Rated (250 psi) • Max temp 120°C • Flanged PN16 or ANSI 150

[View the datasheet for available sizes](#)



DEFFF

Dielectric Flange

- Steel side female thread to brass side female thread • 17.2 Bar Rated (250 psi) • Max temp 120°C

[View the datasheet for available sizes](#)

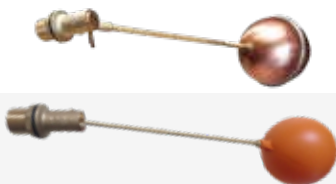


DEFWB

Dielectric Flange

- Steel side weld end to bronze side solder end • 17.2 Bar Rated (250 psi) • Max temp 120°C

[View the datasheet for available sizes](#)



ART 1100W

Equilibrium Float Valve

- 16 Bar Rated • -20°C to +90°C • Copper and plastic float option available • WRAS Approved

[View the datasheet for available sizes](#)



ART 1325

Stainless Steel Water Hammer Arrestor NPT (ANSI B1.20.1)

- Working pressure 150 psi • Static pressure 250 psi • Max pressure 400 psi • -73°C to +149°C • Tested and certified to PDI WH-201 • BSP Taper (ISO 7/1) option available

[View the datasheet for available sizes](#)



ART 1335

Copper Water Hammer Arrestor NPT (ANSI B1.20.1)

- Working pressure 150 psi • Max pressure 400 psig • 0.5°C to 82°C • Design standard PDI WH-201 • BSP Taper (ISO 7/1) option available

[View the datasheet for available sizes](#)



ART 1450

PN16 Flanged Air Release Valve

• 16 Bar Rated • 0°C to +80°C • WRAS approved coating • Internally and externally fusion bonded epoxy coated • Flanged PN16 (BS EN1092)

	F		F
2"	330	6"	465
2½"	365	8"	495
3"	365	10"	525
4"	387	12"	587



ART 1440

ANSI 125 Flanged Air Release Valve

• 13.8 Bar Rated • 0°C to +80°C • WRAS approved coating • Internally and externally fusion bonded epoxy coated • Flanged ANSI 125 (B16.1)

	F		F
2"	330	6"	465
2½"	365	8"	495
3"	365	10"	525
4"	387	12"	587



ART 1460

Single Air Release Valve
Screwed BSP Taper (ISO 7/1) or
NPT (ANSI B1.20.1)

• 16 Bar Rated • 0°C to +80°C • WRAS approved coating • Internally and externally fusion bonded epoxy coated

	F		F
½"	145	1½"	225
¾"	145	2"	225
1"	145		
1¼"	225		



ART 1470

PN16 Flanged Double Orifice
Air Release Valve

• 16 Bar Rated • 0°C to +80°C • WRAS approved coating • Internally and externally fusion bonded epoxy coated

	F		F
2"	300	6"	420
2½"	330	8"	470
3"	330		
4"	350		



ART 1225

Lead Free Brass Hose Bib Tap
Female Threads NPT (ANSI
B1.20.1) / Male Threads NHT

• 8.6 Bar (125 psi) • -10°C to +100°C

Available sizes: ½" and ¾".
View the datasheet for dimensions.



ART 1270

DZR Brass Bibcock Tap with
Hose Union BSP Parallel (ISO
228/1)

• 16 Bar Rated • 0°C to +110°C

½" x ¾"
¾" x 1"
1" x 1¼"



ART 1265

Brass Bibcock Tap with Hose Union BSP Taper (BS21) or NPT (ANSI B1.20.1)

- 16 Bar Rated
- 0°C to +110°C

	Hose Bib Size
1/2" x 3/4"	11.8
3/4" x 1"	15.8



ART 1250

Lead Free Brass Vacuum Breaker Male / Female NHT threads

- 125 psi (8.6 Bar)
- +5°C to +82°C
- Conforms to ANSI A1 12.1.13 ASSE standard 1011
- Manual Drain Feature

	F
3/4"	34.3



ART 400/410

Screwed Flexible Connector BS21 BSP Taper (ISO 7/1)

• 16 Bar Rated • EPDM (ART 400) • NBR (ART 410) • -20°C to +100°C EPDM • -20°C to +80°C NBR

	F		F
1/2"	200	1 1/2"	200
3/4"	200	2"	200
1"	200	2 1/2"	245
1 1/4"	200	3"	245



ART 420/430

PN16 Flanged Flexible Connector BS EN1092 (BS4504)

• 16 Bar Rated • EPDM (ART 420) • NBR (ART 430) • -20°C to +100°C EPDM • -20°C to +80°C NBR • ANSI version available

	F		F		F		F
1 1/4"	130	4"	130	12"	130	24"	260
1 1/2"	130	5"	130	14"	255		
2"	130	6"	130	16"	255		
2 1/2"	130	8"	130	18"	255		
3"	130	10"	130	20"	255		



ART 421/431

PN25 Flanged Flexible Connector

• 25 Bar Rated • EPDM (ART 421) • NBR (ART 431) • -20°C to +100°C EPDM • -20°C to +80°C NBR

	F		F		F
1 1/4"	130	3"	130	8"	130
1 1/2"	130	4"	130	10"	130
2"	130	5"	130	12"	130
2 1/2"	130	6"	130		

Larger sizes available on request.



ART 425/435

PN10 Flanged Flexible Connector BS EN1092 (BS4504)

• 10 Bar Rated • EPDM (ART 425) • NBR (ART 435) • -20°C to +100°C EPDM • -20°C to +80°C NBR

	F
8"	130
10"	130
12"	130



ART 427

PN6 Flanged Flexible Connector BS EN1092 (BS4504)

• 6 Bar Rated • -20°C to +100°C • EPDM

	F		F
1 1/4"	130	3"	130
1 1/2"	130	4"	130
2"	130		
2 1/2"	130		

Larger sizes available on request.



ART 450/460

PN16 Flanged Tied Flexible Connector BS EN1092 (BS4504)

• 16 Bar Rated • EPDM (ART 450) • NBR (ART 460) • -20°C to +100°C EPDM • -20°C to +80°C NBR

	F		F		F
1 1/4"	130	3"	130	8"	130
1 1/2"	130	4"	130	10"	130
2"	130	5"	130	12"	130
2 1/2"	130	6"	130		

Larger sizes available on request.



ART 455/465

PN10 Flanged Tied Flexible Connector BS EN1092 (BS4504)

• 10 Bar Rated • EPDM (ART 455) • NBR (ART 465) • -20°C to +100°C EPDM • -20°C to +80°C NBR

	F
8"	130
10"	130
12"	130

Larger sizes available on request.



ART 413

PN25 M/F Threaded Stainless Steel Expansion Joint with Stainless Steel Mesh

• 25 Bar Rated • -15°C to +200°C • Screwed BSP Taper (ISO 7/1) • Stainless Steel threaded union end and male end • Stainless Steel Mesh

F		F		F	
3/16"	300	1/2"	300	1 1/2"	300
1/8"	300	3/4"	300	2"	
1/4"	300	1"	300		
3/8"	300	1 1/4"	300		



ART 415

PN25 F/F Threaded Stainless Steel Expansion Joint with Stainless Steel Mesh

• 25 Bar Rated • -15°C to +200°C • Screwed BSP Taper (ISO 7/1) • Stainless Steel threaded union end • Stainless Steel Mesh

F		F		F	
3/16"	300	1/2"	300	1 1/2"	300
1/8"	300	3/4"	300	2"	
1/4"	300	1"	300		
3/8"	300	1 1/4"	300		



ART 440

PN16 Flanged Stainless Steel Expansion Joint without tie rods

• 16 Bar Rated • -80°C to +260°C • Zinc plated carbon steel flanges • Stainless Steel 304 bellows • Available Flanged PN25

	F		F		F		F
1¼"	160	8"	300	28"	350	60"	500
1½"	160	10"	350	32"	400	64"	500
2"	180	12"	400	36"	400	72"	500
2½"	200	14"	350	40"	400	80"	600
3"	200	16"	350	44"	400		
4"	220	18"	350	48"	500		
5"	240	20"	400	52"	500		
6"	260	24"	450	56"	500		



ART 470

PN16 Flanged Stainless Steel Expansion Joint with tie rods

• 16 Bar Rated • -80°C to +260°C • Zinc plated carbon steel flanges • Stainless Steel 304 bellows • Available Flanged PN25

	F		F		F		F
1¼"	160	8"	300	28"	350	60"	500
1½"	160	10"	350	32"	400	64"	500
2"	180	12"	400	36"	400	72"	500
2½"	200	14"	350	40"	400	80"	600
3"	200	16"	350	44"	400		
4"	220	18"	350	48"	500		
5"	240	20"	400	52"	500		
6"	260	24"	450	56"	500		



ART 475

PN16 Flanged Stainless Steel Expansion Joint with Stainless Steel Mesh

• 16 Bar Rated • -15°C to +200°C • Zinc plated carbon steel flanges • Stainless Steel 304 mesh • Available Flanged PN25

F		F		F	
1¼"	300	6"	300	18"	500
1½"	300	8"	300	20"	500
2"	300	10"	300	24"	600
2½"	300	12"	300		
3"	300	14"	500		
5"	300	16"	500		



ART 480

Braided / Non-braided Hose

- FxF or MxM
- Braided and non-braided options
- Carbon Steel, Stainless Steel, or Brass end connection options
- Can be made to bespoke lengths

1/2"	1 1/2"	4"
3/4"	2"	
1"	2 1/2"	
1 1/4"	3"	



Pressure and Temperature

Pressure and Temperature information shown in this Product Catalogue is for guidance only. Pressures stated are generally based on the smaller sizes of each product and may reduce significantly for the larger sizes.

It is also a fundamental principle of valves and pipe work systems that if the temperature is increased then the pressure must be reduced. For exact pressure/temperature relationships we recommend that you check our product data sheets or consult our sales office. Although many of our valves are suitable for use at temperatures below freezing, it is necessary to take precautions to prevent the line fluid freezing and causing subsequent damage to the valve and pipe work system.

Options

Many of our valves can be supplied with alternative threads and flange drillings. We can also offer a wide range of paint options and coatings for non standard requirements and special applications.

We hold stock of standard products with the handle options shown in the Product Catalogue, we can however supply valves with different colour handles, Tee handles, stem extensions, and hand wheels, etc. We are also happy to quote for supply of specials to your exact requirements. Our standard range of actuated valves can also be fitted with extra limit switches, proximity switches, positioners, non standard solenoid valves, and manual over rides. If you require an actuator from a specific manufacturer we can usually provide a competitive quotation. If you have any unusual or non standard requirement please do not hesitate to contact our sales office.

Own Label Branding

A very popular additional service that we offer is to brand our products with your name and logo. Our standard Brass and Stainless Steel ball valves can be supplied with the handles printed to your own unique design, or with your customers' name and logo. All we ask is a one off contribution towards the initial costs of the design and artwork. A minimum order quantity of 10 pieces per design / ink colour applies. For further information please contact our sales office.

Approvals and Certification

Albion operates using a fully integrated management system that encompasses three standards – ISO9001, ISO14001, and ISO45001. This shows our commitment to quality, the environment, and health and safety.

All applicable products conform to the Pressure Equipment Directive (PED 2014/68/EU) / The Pressure Equipment (Safety) Regulations 2016 and where necessary are CE / UKCA certified and marked.

All our products meet the necessary standards and approvals, such as WRAS, EN331, EN161, API 607, ATEX, TMV2 and TMV3. In addition to this, all of our WRAS approved products have also been mechanically tested to demonstrate compliance with the UK Water Supply (Water Fittings) Regulations 1999, which means they meet UK Regulation 4 (more commonly known as Reg 4). All product approvals are indicated throughout the Product Catalogue.

Many products also carry other national approvals (ie DVGW, AGA, KIWA), please enquire if a specific approval is required. Test Certificates or Letters of Conformity are generally available for all products, please advise your requirements when placing orders.

For all product certificates please visit our website at www.albionvalvesuk.com/certs-approval

Disclaimer

The information within this Product Catalogue was correct and accurate at the time of printing, this is subject to change without notice, which may impact the accuracy of the information. For the most up to date version please visit our website at www.albionvalvesuk.com. Photographs are for illustration purposes only and may differ from the product received.



BS EN 1092 Flange Table

		PN6				PN10				PN16				PN25				PN40			
		DRILLING				DRILLING				DRILLING				DRILLING				DRILLING			
DN	NB	Flange OD	P.C.D.	No. of Holes	Hole Dia.	Flange OD	P.C.D.	No. of Holes	Hole Dia.	Flange OD	P.C.D.	No. of Holes	Hole Dia.	Flange OD	P.C.D.	No. of Holes	Hole Dia.	Flange OD	P.C.D.	No. of Holes	Hole Dia.
10	3/8"	75	50	4	11	90	60	4	14	90	60	4	14	90	60	4	14	90	60	4	14
15	1/2"	80	55	4	11	95	65	4	14	95	65	4	14	95	65	4	14	95	65	4	14
20	3/4"	90	65	4	11	105	75	4	14	105	75	4	14	105	75	4	14	105	75	4	14
25	1"	100	75	4	11	115	85	4	14	115	85	4	14	115	85	4	14	115	85	4	14
32	1 1/4"	120	80	4	14	140	100	4	18	140	100	4	18	140	100	4	18	140	100	4	18
40	1 1/2"	130	100	4	14	150	110	4	18	150	110	4	18	150	110	4	18	150	110	4	18
50	2"	140	110	4	14	165	125	4	18	165	125	4	18	165	125	4	18	165	125	4	18
65	2 1/2"	160	130	4	14	185	145	4	18	185	145	4	18	185	145	8	18	185	145	8	18
80	3"	190	150	4	18	200	160	8	18	200	160	8	18	200	160	8	18	200	160	8	18
100	4"	210	170	4	18	220	180	8	18	220	180	8	18	235	190	8	22	235	190	8	22
125	5"	240	200	8	18	250	210	8	18	250	210	8	18	270	220	8	26	270	220	8	26
150	6"	265	225	8	18	285	240	8	22	285	240	8	22	300	250	8	26	300	250	8	26
200	8"	320	280	8	18	340	295	8	22	340	295	12	22	360	310	12	26	375	320	12	30
250	10"	375	335	12	18	395	350	12	22	405	355	12	26	425	370	12	30	450	385	12	33
300	12"	440	395	12	22	445	400	12	22	460	410	12	26	485	430	16	30	515	450	16	33
350	14"	490	445	12	22	505	460	16	22	520	470	16	26	555	490	16	33	580	510	16	36
400	16"	540	495	16	22	565	515	16	26	580	525	16	30	620	550	16	36	660	585	16	39
450	18"	595	550	16	22	615	565	20	26	640	585	20	30								
500	20"	645	600	20	22	670	620	20	26	715	650	20	30	730	660	20	36	755	670	20	42
600	24"	755	705	20	26	780	725	20	30	840	770	20	36	845	770	20	39	890	795	10	48

BS 10 Flange Table

table		D					E					F					H				
		DRILLING					DRILLING					DRILLING					DRILLING				
DN	NB	Flange OD	Thickness	P.C.D.	No. of Holes	Hole Dia.	Flange OD	Thickness	P.C.D.	No. of Holes	Hole Dia.	Flange OD	Thickness	P.C.D.	No. of Holes	Hole Dia.	Flange OD	Thickness	P.C.D.	No. of Holes	Hole Dia.
15	1/2"	95	10	67	4	14	95	10	67	4	14	95	10	67	4	14	114	13	83	4	17
20	3/4"	102	10	73	4	14	102	10	73	4	14	102	10	73	4	14	114	13	83	4	17
25	1"	114	10	83	4	14	114	10	83	4	14	121	10	87	4	17	121	14	87	4	17
32	1 1/4"	121	13	87	4	14	121	13	87	4	14	133	13	98	4	17	133	17	98	4	17
40	1 1/2"	133	13	98	4	14	133	13	98	4	14	140	13	105	4	17	140	17	105	4	17
50	2"	152	14	144	4	17	152	14	114	4	17	165	16	127	4	17	165	19	127	4	17
65	2 1/2"	165	14	127	4	17	165	14	127	4	17	184	16	146	8	17	184	19	146	8	17
80	3"	184	14	146	4	17	184	14	146	4	17	203	16	165	8	17	203	22	165	8	17
100	4"	216	17	178	4	17	216	17	178	8	17	229	17	191	8	17	229	25	191	8	17
125	5"	254	17	210	8	17	254	17	210	8	17	279	22	235	8	22	279	29	235	8	22
150	6"	279	17	235	8	17	279	17	235	8	22	305	22	260	12	22	305	29	260	12	22
200	8"	337	19	292	8	17	337	19	292	8	22	368	25	324	12	22	368	32	324	12	22
250	10"	406	19	356	8	19	406	22	356	12	22	432	25	381	12	25	432	35	381	12	25
300	12"	457	22	406	12	22	457	25	406	12	25	489	29	438	16	25	489	38	438	16	25
350	14"	527	25	470	12	25	527	25	470	12	25	552	32	495	16	29	552	41	495	16	29
400	16"	578	25	521	12	25	578	25	521	12	25	610	32	552	20	29	610	44	552	20	29
450	18"	641	29	584	12	25	641	29	584	16	25	673	35	610	20	32	673	48	610	20	32
500	20"	705	32	641	16	25	705	32	641	16	25	737	38	673	24	32	737	51	673	24	32
600	24"	826	35	756	16	29	826	38	756	16	32	851	41	781	24	35	851	57	781	24	35

ANSI Flange Table

		CLASS 125 / 150				CLASS 250 / 300				CLASS 600				CLASS 900			
		DRILLING				DRILLING				DRILLING				DRILLING			
DN	NB	Flange OD	P.C.D.	No. of Holes	Hole Dia.	Flange OD	P.C.D.	No. of Holes	Hole Dia.	Flange OD	P.C.D.	No. of Holes	Hole Dia.	Flange OD	P.C.D.	No. of Holes	Hole Dia.
15	1/2"	88.9	60.5	4	16	95.3	66.7	4	16	95.3	66.5	4	16	120.7	82.5	4	22
20	3/4"	98.5	69.9	4	16	117.3	82.5	4	19	117.3	82.5	4	19	130.0	88.9	4	22
25	1"	108.0	79.3	4	16	124.0	89.0	4	19	124.0	88.9	4	19	149.4	101.6	4	35
32	1 1/4"	117.3	88.9	4	16	133.4	98.5	4	19	133.4	98.5	4	19	158.8	111.2	4	25
40	1 1/2"	127.0	98.5	4	16	155.5	114.3	4	22	155.5	114.3	4	22	177.8	124.0	4	29
50	2"	152.4	120.7	4	19	165.1	127.0	8	19	165.1	127.0	8	19	215.9	165.1	8	25
65	2 1/2"	177.8	139.7	4	19	190.5	149.2	8	22	190.5	149.3	8	22	244.4	190.5	8	29
80	3"	190.5	152.4	4	19	209.5	168.5	8	22	209.5	168.2	8	22	241.3	190.5	8	25
100	4"	228.6	190.5	8	19	254.0	200.0	8	22	254.0	215.9	8	25	292.1	235.0	8	32
125	5"	254.0	215.9	8	22	279.4	235.0	8	22	279.4	226.7	8	29	249.2	279.4	8	35
150	6"	279.4	241.3	8	22	317.5	270.0	12	22	317.5	292.1	12	29	381.0	317.5	12	32
200	8"	342.9	298.5	8	22	381.0	330.2	15	25	381.0	349.2	12	32	469.9	393.7	12	38
250	10"	406.4	362.0	12	25	444.5	387.3	12	29	444.5	431.8	16	35	546.1	469.9	16	38
300	12"	482.6	431.8	12	25	520.7	451.0	16	32	520.7	489.0	20	35	609.6	533.4	20	38
350	14"	533.0	476.0	12	29	584.0	514.0	20	32	584.0	527.0	20	38	641.0	559.0	20	41
400	16"	597.0	540.0	16	29	648.0	572.0	20	35	648.0	603.0	20	41	705.0	616.0	20	44
450	18"	635.0	578.0	16	32	711.0	629.0	24	35	711.0	654.0	20	44	787.0	686.0	20	51
500	20"	699.0	635.0	20	32	775.0	686.0	24	35	775.0	724.0	24	44	857.0	749.0	20	54
600	24"	813.0	749.0	20	35	914.0	813.0	24	51	914.0	838.0	24	51	1041.0	902.0	20	67



		ART 22 / ART 22PRS		ART 23 / ART 23PRS	ART 25 / ART 25PRS		ART 26 / ART 26PRS	ART 27	ART 28	ART 28DP
DN	NB	Kv	Kvs	Kv	Kv	Kvs	Kv	Kvs	Kv	Kv
15UUL	1/2"UUL							0.10		
15UL	1/2"UL							0.23		
15L	1/2"L	0.533	0.6	0.533			1.28	0.47		
15ML	1/2"ML	0.738	1.1					0.98		
15	1/2"	2.00	2.3	2.00	1.75	1.80	3.91	1.80	1.75	1.75
22	3/4"	3.88	5.3	3.88	3.77	4.10	7.28	4.06	2.87	2.87
28	1"	7.28	9.2	7.28	6.96	7.50	11.76	7.45	4.08	4.08
35	1 1/4"	13.39	19.0	13.39	15.83	16.60	21.60	16.63	6.71	6.71
42	1 1/2"	18.60	22.1	18.60	21.05	23.00	28.46	23.00	10.40	10.40
54	2"	30.10	42.3	30.10	43.90	47.40	50.52	47.35	15.06	15.06

		ART 20C	ART 20	ART 24	ART 24C
DN		Kvs	Kvs	Kvs	Kv
10LF		0.11-0.37			
10HF		0.24-0.86			
15LF		0.24-0.86	0.21-1.57	3.6	4.1
15HF		0.27-1.09	0.65-4.06		4.1
20LF			0.34-2.63	4	4.9
20HF		0.35-1.77	0.78-4.34	4	4.9
25LF			0.62-4.30	9.5	5.0
25HF		0.64-2.65	0.78-4.34	9.5	5.0
32			1.22-7.20	11.4	
40			5.06-13.94	16.4	
50			5.05-15.18	17.9	

		ART 32			
NB		Kv Max	Kv Nom	Kv Dis	Kv Min
1/2"		1.5	0.6	0.5	0.25
3/4"		3.1	0.7	0.5	0.25
1"		3.6	0.8	0.5	0.25

		ART 250 PN16	ART 250 PN25	ART 255		ART 270 PN16		ART 270 PN25	
DN	NB	Kv	Kv	Kv	Kvs	Kv	Kvs	Kv	Kvs
50	2"	48.2	48.2	38	47.5	71.6	57.0	71.6	57.0
65	2 1/2"	82.6	82.6	57	88.6	145.5	104.0	145.5	104.0
80	3"	117.4	117.4	79	125.0	219.0	137.0	219.0	137.0
100	4"	211.4	211.4	137	228.0	386.0	241.0	386.0	241.0
125	5"	381.5	381.5	260	341.0	572.0	345.0	572.0	345.0
150	6"	462.4	462.4	415	487.0	807.0	516.0	807.0	516.0
200	8"	790.0	790.0	612	826.0	1416.0	863.0	1416.0	863.0
250	10"	1135.0		971	1218.0	1975.0	1218.0	1975.0	1218.0
300	12"	2022.0		1412	1794.0	2990.0	1794.0	2990.0	1794.0
350	14"					3598.0	2128.3	3598.0	2128.3
400	16"					4675.0	2765.8	4675.0	2765.8
450	18"					5706.0	3375.4	5706.0	3375.4
500	20"					7449.0	4407.1	7449.0	4407.1
600	24"					11597.0	6860.9	11597.0	6860.9

Projects Team

Our network of independent distributors have been experiencing our industry-leading service levels for decades, so a few years ago we decided it was time to extend this level of service to the contractors and consultants within our industry too.

This is when our Projects Team was born.

With a wealth of experience in all things valves and systems, it enables us to provide valuable support from cradle to grave.

Dedicated Team

All project enquiries are appointed a dedicated Project Co-Ordinator, ensuring a seamless process, from quotation to delivery.

As well as in-house support, we have External Contracts Managers covering the whole of the UK and Ireland.

System Design Solutions

Our in-house team can review schematic drawings and schedules for your upcoming projects, from this, we can return labelled drawings, accurate Bill of Materials, professional Technical Submittals, and timely quotes.

Our team can also provide sizing support for both static and dynamic systems.

Industry Leading Turnaround Times

We recognise the importance of having accurate but timely information, this is why we have invested in our people and our systems. So, whether you have a question that you need answering, or require a quick turnaround on a quote, or some assistance on site; you can rely on us to provide you with what you need, when you need it!

Supporting Documentation

Not only do we pride ourselves on having readily available, quality products, but we also support these products with high quality Datasheets, Installation and Operating Manuals, Product Certification, and BIM Components.

BIM Components

Building Information Modelling (BIM) is becoming increasingly popular within construction sector projects due to the efficiency it provides. It allows for a system to be generated digitally from the early stages of the design, therefore saving time, pre-empting potential issues and reducing wastage during installation.

To assist you with your future projects, we have created BIM components for our building services range, these are available for free download from www.albionvalvesuk.com.

CPD

We strive for excellence, and we want the whole industry to too, that is why we offer a CIBSE-Approved CPD on Pressure Reducing Valves which aims to provide the next generation of installers with the knowledge needed to build robust and reliable systems. Get in touch with us to book your session.





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'F' is the dimension as illustrated on the drawings below.

Example:

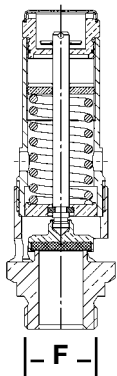
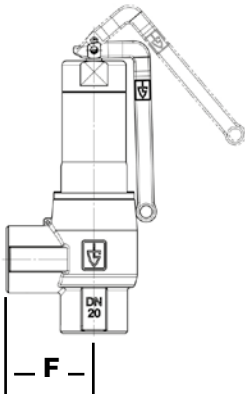
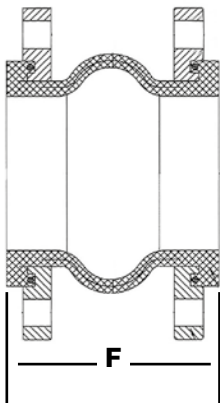
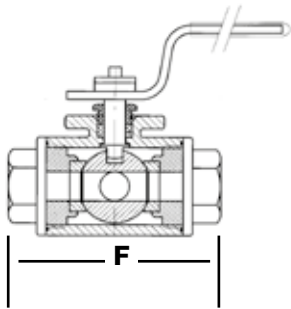
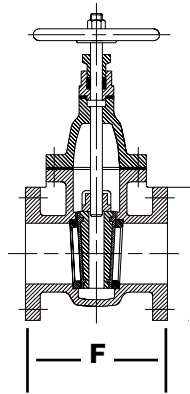
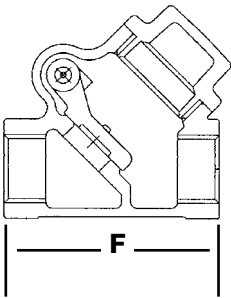
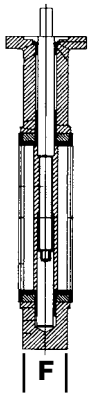
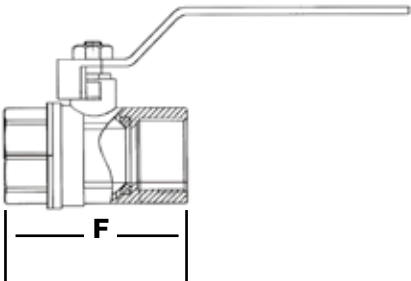
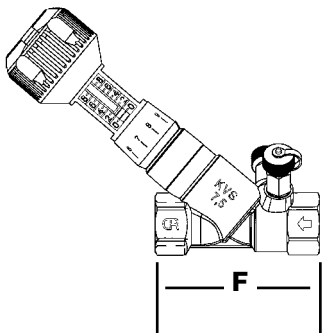
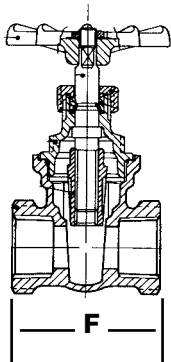


ART 330HW

PN20 Bronze Gate Valve F/F
Ends BSP Taper (ISO 7/1) or
NPT (ANSI B1.20.1)

• 20 Bar Rated • -10°C to +170°C • BS 5154 /
MSS-SP-80 • WRAS Approved

	F		F
½"	45	1½"	63
¾"	49	2"	73
1"	55		
1¼"	61		





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