



ABOUT US

Valve Products Of Evolution And Enhancement Within Industry Standards With unparalleled expertise in efficient flow pathways and mechanical design, JRA Sweden AB's superior product Akvalett valves has established itself as the premier supplier of the next generation of precision valves.

AKVALETT Valves have been widely used by leading corporations in diverse industries. We have been working with a clear goal of meeting the ever booming market needs with regards to Gate Valves, Butterfly Valves, Balancing Valves, Flexible Coupling, Y Strainers, and Ball Valves by means of innovation and the latest technology. The constant improvement, high-tech machinery, product engineering, and the company's productive processes administered by industry professionals make Akvalett not only a pioneer, but also a superior in fluid control.

OUR VISION

To be the global market leader in the development and manufacturing of premium quality air distribution systems and valve products.

OUR MISSION

Aim to exceed client expectations through service, communication and quality workmanship.





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ABW3244-H

BS EN 593 Universal Wafer Type Butterfly Valve
PN16 Ductile Iron Disk Handle



Body : EN-GJS-450-10
Disk : EN-GJS-450-10
Connection : BS EN 1092-2 PN10/PN16
Stem : SS420

Maximum Working Pressure : PN16
Maximum Working Temperature : 0°C - 80°C

DN		L(mm)	Kg	Seat		
mm	inch			EPDM Model	NBR Model	PTFE Model
40	1 1/2"	33	1.9478	ABW3244-HEP0040	ABW3244-HNB0040	ABW3244-HPT0040
50	2"	43	2.1222	ABW3244-HEP0050	ABW3244-HNB0050	ABW3244-HPT0050
65	2 1/2"	46	2.4919	ABW3244-HEP0065	ABW3244-HNB0065	ABW3244-HPT0065
80	3"	46	2.825	ABW3244-HEP0080	ABW3244-HNB0080	ABW3244-HPT0080
100	4"	52	3.8142	ABW3244-HEP0100	ABW3244-HNB0100	ABW3244-HPT0100
125	5"	56	5.3552	ABW3244-HEP0125	ABW3244-HNB0125	ABW3244-HPT0125
150	6"	56	6.5417	ABW3244-HEP0150	ABW3244-HNB0150	ABW3244-HPT0150
200	8"	60	11.5574	ABW3244-HEP0200	ABW3244-HNB0200	ABW3244-HPT0200
250	10"	68	17.139	ABW3244-HEP0250	ABW3244-HNB0250	ABW3244-HPT0250
300	12"	78	26.705	ABW3244-HEP0300	ABW3244-HNB0300	ABW3244-HPT0300

ABW3244-G

BS EN 593 Universal Wafer Type Butterfly Valve
PN16 Ductile Iron Disk Gear



Body : EN-GJS-450-10
Disk : EN-GJS-450-10
Connection : BS EN 1092-2 PN10/PN16
Stem : SS420

Maximum Working Pressure : PN16
Maximum Working Temperature : 0°C - 80°C

DN		L(mm)	Kg	Seat		
mm	inch			EPDM Model	NBR Model	PTFE Model
40	1 1/2"	33	3.8373	ABW3244-GEP0040	ABW3244-GNB0040	ABW3244-GPT0040
50	2"	43	4.0117	ABW3244-GEP0050	ABW3244-GNB0050	ABW3244-GPT0050
65	2 1/2"	46	4.3754	ABW3244-GEP0065	ABW3244-GNB0065	ABW3244-GPT0065
80	3"	46	4.7145	ABW3244-GEP0080	ABW3244-GNB0080	ABW3244-GPT0080
100	4"	52	5.7037	ABW3244-GEP0100	ABW3244-GNB0100	ABW3244-GPT0100
125	5"	56	7.6847	ABW3244-GEP0125	ABW3244-GNB0125	ABW3244-GPT0125
150	6"	56	8.8712	ABW3244-GEP0150	ABW3244-GNB0150	ABW3244-GPT0150
200	8"	60	16.8177	ABW3244-GEP0200	ABW3244-GNB0200	ABW3244-GPT0200
250	10"	68	24.8993	ABW3244-GEP0250	ABW3244-GNB0250	ABW3244-GPT0250
300	12"	78	33.1738	ABW3244-GEP0300	ABW3244-GNB0300	ABW3244-GPT0300

ABW3245-H

BS EN 593 Universal Wafer Type Butterfly Valve
PN16 Stainless Steel Disk Handle



Body : EN-GJS-450-10
Disk : SS304 (*On request SS316)
Connection : BS EN 1092-2 PN10/PN16
Stem : SS420

Maximum Working Pressure : PN16
Maximum Working Temperature : 0°C - 80°C

DN		L(mm)	Kg	Seat		
mm	inch			EPDM Model	NBR Model	PTFE Model
40	1 1/2"	33	1.9478	ABW3245-HEP0040	ABW3245-HNB0040	ABW3245-HPT0040
50	2"	43	2.1222	ABW3245-HEP0050	ABW3245-HNB0050	ABW3245-HPT0050
65	2 1/2"	46	2.4919	ABW3245-HEP0065	ABW3245-HNB0065	ABW3245-HPT0065
80	3"	46	2.825	ABW3245-HEP0080	ABW3245-HNB0080	ABW3245-HPT0080
100	4"	52	3.8142	ABW3245-HEP0100	ABW3245-HNB0100	ABW3245-HPT0100
125	5"	56	5.3552	ABW3245-HEP0125	ABW3245-HNB0125	ABW3245-HPT0125
150	6"	56	6.5417	ABW3245-HEP0150	ABW3245-HNB0150	ABW3245-HPT0150
200	8"	60	11.5574	ABW3245-HEP0200	ABW3245-HNB0200	ABW3245-HPT0200
250	10"	68	17.139	ABW3245-HEP0250	ABW3245-HNB0250	ABW3245-HPT0250
300	12"	78	26.705	ABW3245-HEP0300	ABW3245-HNB0300	ABW3245-HPT0300

ABW3245-G

BS EN 593 Universal Wafer Type Butterfly Valve
PN16 Stainless Steel Disk Gear



Body : EN-GJS-450-10
Disk : SS304 (*On request SS316)
Connection : BS EN 1092-2 PN10/PN16
Stem : SS420

Maximum Working Pressure : PN16
Maximum Working Temperature : 0°C - 80°C

DN		L(mm)	Kg	Seat		
mm	inch			EPDM Model	NBR Model	PTFE Model
40	1 1/2"	33	3.8373	ABW3245-GEP0040	ABW3245-GNB0040	ABW3245-GPT0040
50	2"	43	4.0117	ABW3245-GEP0050	ABW3245-GNB0050	ABW3245-GPT0050
65	2 1/2"	46	4.3754	ABW3245-GEP0065	ABW3245-GNB0065	ABW3245-GPT0065
80	3"	46	4.7145	ABW3245-GEP0080	ABW3245-GNB0080	ABW3245-GPT0080
100	4"	52	5.7037	ABW3245-GEP0100	ABW3245-GNB0100	ABW3245-GPT0100
125	5"	56	7.6847	ABW3245-GEP0125	ABW3245-GNB0125	ABW3245-GPT0125
150	6"	56	8.8712	ABW3245-GEP0150	ABW3245-GNB0150	ABW3245-GPT0150
200	8"	60	16.8177	ABW3245-GEP0200	ABW3245-GNB0200	ABW3245-GPT0200
250	10"	68	24.8993	ABW3245-GEP0250	ABW3245-GNB0250	ABW3245-GPT0250
300	12"	78	33.1738	ABW3245-GEP0300	ABW3245-GNB0300	ABW3245-GPT0300

ABW3246-H

BS EN 593 Universal Wafer Type Butterfly Valve
PN16 Aluminium Bronze Disk Handle



Body : EN-GJS-450-10
Disk : ASTM B148 C95400
Connection : BS EN 1092-2 PN10/PN16
Stem : SS420

Maximum Working Pressure : PN16
Maximum Working Temperature : 0°C - 80°C

DN		L(mm)	Kg	Seat		
mm	inch			EPDM Model	NBR Model	PTFE Model
40	1 1/2"	33	1.9478	ABW3246-HEP0040	ABW3246-HNB0040	ABW3246-HPT0040
50	2"	43	2.1222	ABW3246-HEP0050	ABW3246-HNB0050	ABW3246-HPT0050
65	2 1/2"	46	2.4919	ABW3246-HEP0065	ABW3246-HNB0065	ABW3246-HPT0065
80	3"	46	2.825	ABW3246-HEP0080	ABW3246-HNB0080	ABW3246-HPT0080
100	4"	52	3.8142	ABW3246-HEP0100	ABW3246-HNB0100	ABW3246-HPT0100
125	5"	56	5.3552	ABW3246-HEP0125	ABW3246-HNB0125	ABW3246-HPT0125
150	6"	56	6.5417	ABW3246-HEP0150	ABW3246-HNB0150	ABW3246-HPT0150
200	8"	60	11.5574	ABW3246-HEP0200	ABW3246-HNB0200	ABW3246-HPT0200
250	10"	68	17.139	ABW3246-HEP0250	ABW3246-HNB0250	ABW3246-HPT0250
300	12"	78	26.705	ABW3246-HEP0300	ABW3246-HNB0300	ABW3246-HPT0300

ABW3246-G

BS EN 593 Universal Wafer Type Butterfly Valve
PN16 Aluminium Bronze Disk Gear



Body : EN-GJS-450-10
Disk : ASTM B148 C95400
Connection : BS EN 1092-2 PN10/PN16
Stem : SS420

Maximum Working Pressure : PN16
Maximum Working Temperature : 0°C - 80°C

DN		L(mm)	Kg	Seat		
mm	inch			EPDM Model	NBR Model	PTFE Model
40	1 1/2"	33	3.8373	ABW3246-GEPO040	ABW3246-GNB0040	ABW3246-GPT0040
50	2"	43	4.0117	ABW3246-GEPO050	ABW3246-GNB0050	ABW3246-GPT0050
65	2 1/2"	46	4.3754	ABW3246-GEPO065	ABW3246-GNB0065	ABW3246-GPT0065
80	3"	46	4.7145	ABW3246-GEPO080	ABW3246-GNB0080	ABW3246-GPT0080
100	4"	52	5.7037	ABW3246-GEPO100	ABW3246-GNB0100	ABW3246-GPT0100
125	5"	56	7.6847	ABW3246-GEPO125	ABW3246-GNB0125	ABW3246-GPT0125
150	6"	56	8.8712	ABW3246-GEPO150	ABW3246-GNB0150	ABW3246-GPT0150
200	8"	60	16.8177	ABW3246-GEPO200	ABW3246-GNB0200	ABW3246-GPT0200
250	10"	68	24.8993	ABW3246-GEPO250	ABW3246-GNB0250	ABW3246-GPT0250
300	12"	78	33.1738	ABW3246-GEPO300	ABW3246-GNB0300	ABW3246-GPT0300

ABW3344-H

BS EN 593 Universal Wafer Type Butterfly Valve
With Long Neck PN16 Ductile Iron Disk Handle



Body : EN-GJS-450-10
Disk : EN-GJS-450-10
Connection : BS EN 1092-2 PN10/PN16
Stem : SS420

Maximum Working Pressure : PN16
Maximum Working Temperature : 0°C - 80°C

DN		L(mm)	Kg	Seat		
mm	inch			EPDM Model	NBR Model	PTFE Model
40	1 1/2"	33	2.0182	ABW3344-HEP0040	ABW3344-HNB0040	ABW3344-HPT0040
50	2"	43	2.2464	ABW3344-HEP0050	ABW3344-HNB0050	ABW3344-HPT0050
65	2 1/2"	46	2.6149	ABW3344-HEP0065	ABW3344-HNB0065	ABW3344-HPT0065
80	3"	46	2.9562	ABW3344-HEP0080	ABW3344-HNB0080	ABW3344-HPT0080
100	4"	52	3.9677	ABW3344-HEP0100	ABW3344-HNB0100	ABW3344-HPT0100
125	5"	56	5.5489	ABW3344-HEP0125	ABW3344-HNB0125	ABW3344-HPT0125
150	6"	56	6.7397	ABW3344-HEP0150	ABW3344-HNB0150	ABW3344-HPT0150
200	8"	60	11.7474	ABW3344-HEP0200	ABW3344-HNB0200	ABW3344-HPT0200
250	10"	68	17.4556	ABW3344-HEP0250	ABW3344-HNB0250	ABW3344-HPT0250
300	12"	78	27.2216	ABW3344-HEP0300	ABW3344-HNB0300	ABW3344-HPT0300

ABW3344-G

BS EN 593 Universal Wafer Type Butterfly Valve
With Long Neck PN16 Ductile Iron Disk Gear



Body : EN-GJS-450-10
Disk : EN-GJS-450-10
Connection : BS EN 1092-2 PN10/PN16
Stem : SS420

Maximum Working Pressure : PN16
Maximum Working Temperature : 0°C - 80°C

DN		L(mm)	Kg	Seat		
mm	inch			EPDM Model	NBR Model	PTFE Model
40	1 1/2"	33	3.9077	ABW3344-GEP0040	ABW3344-GNB0040	ABW3344-GPT0040
50	2"	43	4.1359	ABW3344-GEP0050	ABW3344-GNB0050	ABW3344-GPT0050
65	2 1/2"	46	4.4984	ABW3344-GEP0065	ABW3344-GNB0065	ABW3344-GPT0065
80	3"	46	4.8457	ABW3344-GEP0080	ABW3344-GNB0080	ABW3344-GPT0080
100	4"	52	5.8572	ABW3344-GEP0100	ABW3344-GNB0100	ABW3344-GPT0100
125	5"	56	7.8784	ABW3344-GEP0125	ABW3344-GNB0125	ABW3344-GPT0125
150	6"	56	9.0692	ABW3344-GEP0150	ABW3344-GNB0150	ABW3344-GPT0150
200	8"	60	17.0077	ABW3344-GEP0200	ABW3344-GNB0200	ABW3344-GPT0200
250	10"	68	25.2159	ABW3344-GEP0250	ABW3344-GNB0250	ABW3344-GPT0250
300	12"	78	33.6904	ABW3344-GEP0300	ABW3344-GNB0300	ABW3344-GPT0300

ABW3345-H

BS EN 593 Universal Wafer Type Butterfly Valve
With Long Neck PN16 Stainless Steel Disk Handle



Body : EN-GJS-450-10
Disk : SS304 (*On request SS316)
Connection : BS EN 1092-2 PN10/PN16
Stem : SS420

Maximum Working Pressure : PN16
Maximum Working Temperature : 0°C - 80°C

DN		L(mm)	Kg	Seat		
mm	inch			EPDM Model	NBR Model	PTFE Model
40	1 1/2"	33	2.0182	ABW3345-HEP0040	ABW3345-HNB0040	ABW3345-HPT0040
50	2"	43	2.2464	ABW3345-HEP0050	ABW3345-HNB0050	ABW3345-HPT0050
65	2 1/2"	46	2.6149	ABW3345-HEP0065	ABW3345-HNB0065	ABW3345-HPT0065
80	3"	46	2.9562	ABW3345-HEP0080	ABW3345-HNB0080	ABW3345-HPT0080
100	4"	52	3.9677	ABW3345-HEP0100	ABW3345-HNB0100	ABW3345-HPT0100
125	5"	56	5.5489	ABW3345-HEP0125	ABW3345-HNB0125	ABW3345-HPT0125
150	6"	56	6.7397	ABW3345-HEP0150	ABW3345-HNB0150	ABW3345-HPT0150
200	8"	60	11.7474	ABW3345-HEP0200	ABW3345-HNB0200	ABW3345-HPT0200
250	10"	68	17.4556	ABW3345-HEP0250	ABW3345-HNB0250	ABW3345-HPT0250
300	12"	78	27.2216	ABW3345-HEP0300	ABW3345-HNB0300	ABW3345-HPT0300

ABW3345-G

BS EN 593 Universal Wafer Type Butterfly Valve
With Long Neck PN16 Stainless Steel Disk Gear



Body : EN-GJS-450-10
Disk : SS304 (*On request SS316)
Connection : BS EN 1092-2 PN10/PN16
Stem : SS420

Maximum Working Pressure : PN16
Maximum Working Temperature : 0°C - 80°C

DN		L(mm)	Kg	Seat		
mm	inch			EPDM Model	NBR Model	PTFE Model
40	1 1/2"	33	3.9077	ABW3345-GEP0040	ABW3345-GNB0040	ABW3345-GPT0040
50	2"	43	4.1359	ABW3345-GEP0050	ABW3345-GNB0050	ABW3345-GPT0050
65	2 1/2"	46	4.4984	ABW3345-GEP0065	ABW3345-GNB0065	ABW3345-GPT0065
80	3"	46	4.8457	ABW3345-GEP0080	ABW3345-GNB0080	ABW3345-GPT0080
100	4"	52	5.8572	ABW3345-GEP0100	ABW3345-GNB0100	ABW3345-GPT0100
125	5"	56	7.8784	ABW3345-GEP0125	ABW3345-GNB0125	ABW3345-GPT0125
150	6"	56	9.0692	ABW3345-GEP0150	ABW3345-GNB0150	ABW3345-GPT0150
200	8"	60	17.0077	ABW3345-GEP0200	ABW3345-GNB0200	ABW3345-GPT0200
250	10"	68	25.2159	ABW3345-GEP0250	ABW3345-GNB0250	ABW3345-GPT0250
300	12"	78	33.6904	ABW3345-GEP0300	ABW3345-GNB0300	ABW3345-GPT0300

ABW3346-H

BS EN 593 Universal Wafer Type Butterfly Valve
With Long Neck PN16 Aluminium Bronze Disk Handle



Body : EN-GJS-450-10
Disk : ASTM B148 C95400
Connection : BS EN 1092-2 PN10/PN16
Stem : SS420

Maximum Working Pressure : PN16
Maximum Working Temperature : 0°C - 80°C

DN		L(mm)	Kg	Seat		
mm	inch			EPDM Model	NBR Model	PTFE Model
40	1 1/2"	33	2.0182	ABW3346-HEP0040	ABW3346-HNB0040	ABW3346-HPT0040
50	2"	43	2.2464	ABW3346-HEP0050	ABW3346-HNB0050	ABW3346-HPT0050
65	2 1/2"	46	2.6149	ABW3346-HEP0065	ABW3346-HNB0065	ABW3346-HPT0065
80	3"	46	2.9562	ABW3346-HEP0080	ABW3346-HNB0080	ABW3346-HPT0080
100	4"	52	3.9677	ABW3346-HEP0100	ABW3346-HNB0100	ABW3346-HPT0100
125	5"	56	5.5489	ABW3346-HEP0125	ABW3346-HNB0125	ABW3346-HPT0125
150	6"	56	6.7397	ABW3346-HEP0150	ABW3346-HNB0150	ABW3346-HPT0150
200	8"	60	11.7474	ABW3346-HEP0200	ABW3346-HNB0200	ABW3346-HPT0200
250	10"	68	17.4556	ABW3346-HEP0250	ABW3346-HNB0250	ABW3346-HPT0250
300	12"	78	27.2216	ABW3346-HEP0300	ABW3346-HNB0300	ABW3346-HPT0300

ABW3346-G

BS EN 593 Universal Wafer Type Butterfly Valve
With Long Neck PN16 Aluminium Bronze Disk Gear



Body : EN-GJS-450-10
Disk : ASTM B148 C95400
Connection : BS EN 1092-2 PN10/PN16
Stem : SS420

Maximum Working Pressure : PN16
Maximum Working Temperature : 0°C - 80°C

DN		L(mm)	Kg	Seat		
mm	inch			EPDM Model	NBR Model	PTFE Model
40	1 1/2"	33	3.9077	ABW3346-GEPO040	ABW3346-GNB0040	ABW3346-GPT0040
50	2"	43	4.1359	ABW3346-GEPO050	ABW3346-GNB0050	ABW3346-GPT0050
65	2 1/2"	46	4.4984	ABW3346-GEPO065	ABW3346-GNB0065	ABW3346-GPT0065
80	3"	46	4.8457	ABW3346-GEPO080	ABW3346-GNB0080	ABW3346-GPT0080
100	4"	52	5.8572	ABW3346-GEPO100	ABW3346-GNB0100	ABW3346-GPT0100
125	5"	56	7.8784	ABW3346-GEPO125	ABW3346-GNB0125	ABW3346-GPT0125
150	6"	56	9.0692	ABW3346-GEPO150	ABW3346-GNB0150	ABW3346-GPT0150
200	8"	60	17.0077	ABW3346-GEPO200	ABW3346-GNB0200	ABW3346-GPT0200
250	10"	68	25.2159	ABW3346-GEPO250	ABW3346-GNB0250	ABW3346-GPT0250
300	12"	78	33.6904	ABW3346-GEPO300	ABW3346-GNB0300	ABW3346-GPT0300

ABW3404-H(G) | ABW3444-H(G)

BS EN 593 Wafer Type Butterfly Valve PN10/PN16
 Ductile Iron Disc
 Handle (DN40 -300)
 Gear (DN300-600)



Body	: Ductile iron (A536 Gr. 65-45-12)	Working Pressure	: PN16/PN25
Disk	: Ductile iron (A536 Gr. 65-45-12)	Testing Pressure	: Shell: 24bar/37.5bar
Connection	: BS EN 1092-2 PN16/PN25		: Seal: 17.6bar/27.5bar
Shaft	: Stainless steel (A276 S 410)	Working Temperature	: -20° C to 110° C EPDM Seat
O-ring	: EPDM		: -10° C to 80° C NBR Seat
Bushing	: PTFE		: -10° C to 130° C VitonSeat

DN		L(mm)	EPDM		NBR		Viton	
mm	inch		Model PN16	Model PN25	Model PN16	Model PN25	Model PN16	Model PN25
40	1 1/2"	33	ABW3404-HEP0040	ABW3444-HEP0040	ABW3404-HNB0040	ABW3444-HNB0040	ABW3404-HVT0040	ABW3444-HVT0040
50	2"	42	ABW3404-HEP0050	ABW3444-HEP0050	ABW3404-HNB0050	ABW3444-HNB0050	ABW3404-HVT0050	ABW3444-HVT0050
65	2 1/2"	44.5	ABW3404-HEP0065	ABW3444-HEP0065	ABW3404-HNB0065	ABW3444-HNB0065	ABW3404-HVT0065	ABW3444-HVT0065
80	3"	44.5	ABW3404-HEP0080	ABW3444-HEP0080	ABW3404-HNB0080	ABW3444-HNB0080	ABW3404-HVT0080	ABW3444-HVT0080
100	4"	51	ABW3404-HEP0100	ABW3444-HEP0100	ABW3404-HNB0100	ABW3444-HNB0100	ABW3404-HVT0100	ABW3444-HVT0100
125	5"	54.5	ABW3404-HEP0125	ABW3444-HEP0125	ABW3404-HNB0125	ABW3444-HNB0125	ABW3404-HVT0125	ABW3444-HVT0125
150	6"	54.5	ABW3404-HEP0150	ABW3444-HEP0150	ABW3404-HNB0150	ABW3444-HNB0150	ABW3404-HVT0150	ABW3444-HVT0150
200	8"	59.6	ABW3404-HEP0200	ABW3444-HEP0200	ABW3404-HNB0200	ABW3444-HNB0200	ABW3404-HVT0200	ABW3444-HVT0200
250	10"	67	ABW3404-HEP0250	ABW3444-HEP0250	ABW3404-HNB0250	ABW3444-HNB0250	ABW3404-HVT0250	ABW3444-HVT0250
300	12"	75.5	ABW3404-GEP0300	ABW3444-GEP0300	ABW3404-GNB0300	ABW3444-GNB0300	ABW3404-GVT0300	ABW3444-GVT0300
350	14"	76	ABW3404-GEP0350	ABW3444-GEP0350	ABW3404-GNB0350	ABW3444-GNB0350	ABW3404-GVT0350	ABW3444-GVT0350
400	16"	102	ABW3404-GEP0400	ABW3444-GEP0400	ABW3404-GNB0400	ABW3444-GNB0400	ABW3404-GVT0400	ABW3444-GVT0400
450	18"	114	ABW3404-GEP0450	ABW3444-GEP0450	ABW3404-GNB0450	ABW3444-GNB0450	ABW3404-GVT0450	ABW3444-GVT0450
500	20"	127	ABW3404-GEP0500	ABW3444-GEP0500	ABW3404-GNB0500	ABW3444-GNB0500	ABW3404-GVT0500	ABW3444-GVT0500
550	22"	151	ABW3404-GEP0550	ABW3444-GEP0550	ABW3404-GNB0550	ABW3444-GNB0550	ABW3404-GVT0550	ABW3444-GVT0550
600	24"	151	ABW3404-GEP0600	ABW3444-GEP0600	ABW3404-GNB0600	ABW3444-GNB0600	ABW3404-GVT0600	ABW3444-GVT0600

*Gear box is available for this model from the size 50 mm

Other Available Standards

Design Standards MSS SP-67/API 609/ISO 5752/BS 5155

Flange Connection ASME Class 125/Class 150/AS2129 Table D or Table E/JISB2239 10K or 16K

Coating Blue(RAL5015)/Black(RAL9005)/Grey(RAL7016)/Customization Accepted

ABW3405-H(G) | ABW3445-H(G)

BS EN 593 Wafer Type Butterfly Valve PN10/PN16
Stainless Steel Disc
Handle (DN40 -300)
Gear (DN300-600)



Body	: Ductile iron (A536 Gr. 65-45-12)	Working Pressure	: PN16/PN25
Disk	: Stainless Steel A351 CF8/CF8M	Testing Pressure	: Shell: 24bar/37.5bar
Connection	: BS EN 1092-2 PN16/PN25		: Seal: 17.6bar/27.5bar
Shaft	: Stainless steel (A276 S 410)	Working Temperature	: -20° C to 110° C EPDM Seat
O-ring	: EPDM		: -10° C to 80° C NBR Seat
Bushing	: PTFE		: -10° C to 130° C VitonSeat

DN		L(mm)	EPDM		NBR		Viton	
mm	inch		Model PN16	Model PN25	Model PN16	Model PN25	Model PN16	Model PN25
40	1 1/2"	33	ABW3405-HEP0040	ABW3445-HEP0040	ABW3405-HNB0040	ABW3445-HNB0040	ABW3405-HVT0040	ABW3445-HVT0040
50	2"	42	ABW3405-HEP0050	ABW3445-HEP0050	ABW3405-HNB0050	ABW3445-HNB0050	ABW3405-HVT0050	ABW3445-HVT0050
65	2 1/2"	44.5	ABW3405-HEP0065	ABW3445-HEP0065	ABW3405-HNB0065	ABW3445-HNB0065	ABW3405-HVT0065	ABW3445-HVT0065
80	3"	44.5	ABW3405-HEP0080	ABW3445-HEP0080	ABW3405-HNB0080	ABW3445-HNB0080	ABW3405-HVT0080	ABW3445-HVT0080
100	4"	51	ABW3405-HEP0100	ABW3445-HEP0100	ABW3405-HNB0100	ABW3445-HNB0100	ABW3405-HVT0100	ABW3445-HVT0100
125	5"	54.5	ABW3405-HEP0125	ABW3445-HEP0125	ABW3405-HNB0125	ABW3445-HNB0125	ABW3405-HVT0125	ABW3445-HVT0125
150	6"	54.5	ABW3405-HEP0150	ABW3445-HEP0150	ABW3405-HNB0150	ABW3445-HNB0150	ABW3405-HVT0150	ABW3445-HVT0150
200	8"	59.6	ABW3405-HEP0200	ABW3445-HEP0200	ABW3405-HNB0200	ABW3445-HNB0200	ABW3405-HVT0200	ABW3445-HVT0200
250	10"	67	ABW3405-HEP0250	ABW3445-HEP0250	ABW3405-HNB0250	ABW3445-HNB0250	ABW3405-HVT0250	ABW3445-HVT0250
300	12"	75.5	ABW3405-GEP0300	ABW3445-GEP0300	ABW3405-GNB0300	ABW3445-GNB0300	ABW3405-GVT0300	ABW3445-GVT0300
350	14"	76	ABW3405-GEP0350	ABW3445-GEP0350	ABW3405-GNB0350	ABW3445-GNB0350	ABW3405-GVT0350	ABW3445-GVT0350
400	16"	102	ABW3405-GEP0400	ABW3445-GEP0400	ABW3405-GNB0400	ABW3445-GNB0400	ABW3405-GVT0400	ABW3445-GVT0400
450	18"	114	ABW3405-GEP0450	ABW3445-GEP0450	ABW3405-GNB0450	ABW3445-GNB0450	ABW3405-GVT0450	ABW3445-GVT0450
500	20"	127	ABW3405-GEP0500	ABW3445-GEP0500	ABW3405-GNB0500	ABW3445-GNB0500	ABW3405-GVT0500	ABW3445-GVT0500
550	22"	151	ABW3405-GEP0550	ABW3445-GEP0550	ABW3405-GNB0550	ABW3445-GNB0550	ABW3405-GVT0550	ABW3445-GVT0550
600	24"	151	ABW3405-GEP0600	ABW3445-GEP0600	ABW3405-GNB0600	ABW3445-GNB0600	ABW3405-GVT0600	ABW3445-GVT0600

*Gear box is available for this model from the size 50 mm

Other Available Standards

Design Standards MSS SP-67/API 609/ISO 5752/BS 5155

Flange Connection ASME Class 125/Class 150/AS2129 Table D/AS2129 Table E/JISB2239 10K/JISB2239 16K

Coating Blue(RAL5015)/Black(RAL9005)/Grey(RAL7016)/Customization Accepted

ABW3544-H(G,M) | ABW3554-H(G,M)


BS EN 593 Wafer Type Butterfly Valve PN16
Ductile Iron Disc Handle



Body : Ductile iron (A536 Gr. 65-45-12)
 Disk : Ductile iron (A536 Gr. 65-45-12)
 Connection : BS EN 1092-2 PN16/PN25
 Shaft : Stainless steel (A276 S 410)
 O-ring : EPDM
 Bushing : PTFE

Working Pressure : PN16/PN25
 Testing Pressure : Shell: 24bar/37.5bar
 : Seal: 17.6bar/27.5bar
 Working Temperature : -20° C to 110° C EPDM Seat
 : -10° C to 80° C NBR Seat

DN		 L(mm)	EPDM		NBR	
mm	inch		Model PN16	Model PN25	Model PN16	Model PN25
40	1 1/2"	33	ABW3544-HEP0040	ABW3554-HEP0040	ABW3544-HNB0040	ABW3554-HNB0040
50	2"	42	ABW3544-HEP0050	ABW3554-HEP0050	ABW3544-HNB0050	ABW3554-HNB0050
65	2 1/2"	44.5	ABW3544-HEP0065	ABW3554-HEP0065	ABW3544-HNB0065	ABW3554-HNB0065
80	3"	44.5	ABW3544-HEP0080	ABW3554-HEP0080	ABW3544-HNB0080	ABW3554-HNB0080
100	4"	51	ABW3544-HEP0100	ABW3554-HEP0100	ABW3544-HNB0100	ABW3554-HNB0100
125	5"	54.5	ABW3544-HEP0125	ABW3554-HEP0125	ABW3544-HNB0125	ABW3554-HNB0125
150	6"	54.5	ABW3544-HEP0150	ABW3554-HEP0150	ABW3544-HNB0150	ABW3554-HNB0150
200	8"	59.6				
250	10"	67	*Gear type and handle type are available for this model sizes below or above 150 mm			
300	12"	75.5				
350	14"	76				
400	16"	102				
450	18"	114				
500	20"	127				
550	22"	151				
600	24"	151				
650	26"	172				
700	28"	165				
750	30"	167				
800	32"	188				
900	36"	203				
1000	40"	216				
1200	48"	276				

DN		 L(mm)	PTFE		Viton	
mm	inch		Model PN16	Model PN25	Model PN16	Model PN25
40	1 1/2"	33	ABW3544-HPT0040	ABW3554-HPT0040	ABW3544-HVT0040	ABW3554-HVT0040
50	2"	42	ABW3544-HPT0050	ABW3554-HPT0050	ABW3544-HVT0050	ABW3554-HVT0050
65	2 1/2"	44.5	ABW3544-HPT0065	ABW3554-HPT0065	ABW3544-HVT0065	ABW3554-HVT0065
80	3"	44.5	ABW3346-GPT0080	ABW3554-HPT0080	ABW3544-HVT0080	ABW3554-HVT0080
100	4"	51	ABW3544-HPT0100	ABW3554-HPT0100	ABW3544-HVT0100	ABW3554-HVT0100
125	5"	54.5	ABW3544-HPT0125	ABW3554-HPT0125	ABW3544-HVT0125	ABW3554-HVT0125
150	6"	54.5	ABW3544-HPT0150	ABW3554-HPT0150	ABW3544-HVT0150	ABW3554-HVT0150
200	8"	59.6				
250	10"	67	*Gear type and handle type are available for this model sizes below or above 150 mm			
300	12"	75.5				
350	14"	76				
400	16"	102				
450	18"	114				
500	20"	127				
550	22"	151				
600	24"	151				
650	26"	172				
700	28"	165				
750	30"	167				
800	32"	188				
900	36"	203				
1000	40"	216				
1200	48"	276				

ABW3545-H(G,M) | ABW3555-H(G,M)


BS EN 593 Wafer Type Butterfly Valve PN16
Stainless Steel Disc Handle



Body : Ductile iron (A536 Gr. 65-45-12)
 Disk : Stainless steel (A351 CF-8)
 Connection : BS EN 1092-2 PN16/PN25
 Shaft : Stainless steel (A276 S 410)
 O-ring : EPDM
 Bushing : PTFE

Working Pressure : PN16/PN25
 Testing Pressure : Shell: 24bar/37.5bar
 : Seal: 17.6bar/27.5bar
 Working Temperature : -20° C to 110° C EPDM Seat
 : -10° C to 80° C NBR Seat

DN		 L(mm)	EPDM		NBR	
mm	inch		Model PN16	Model PN25	Model PN16	Model PN25
40	1 1/2"	33	ABW3545-HEP0040	ABW3555-HEP0040	ABW3545-HNB0040	ABW3555-HNB0040
50	2"	42	ABW3545-HEP0050	ABW3555-HEP0050	ABW3545-HNB0050	ABW3555-HNB0050
65	2 1/2"	44.5	ABW3545-HEP0065	ABW3555-HEP0065	ABW3545-HNB0065	ABW3555-HNB0065
80	3"	44.5	ABW3545-HEP0080	ABW3555-HEP0080	ABW3545-HNB0080	ABW3555-HNB0080
100	4"	51	ABW3545-HEP0100	ABW3555-HEP0100	ABW3545-HNB0100	ABW3555-HNB0100
125	5"	54.5	ABW3545-HEP0125	ABW3555-HEP0125	ABW3545-HNB0125	ABW3555-HNB0125
150	6"	54.5	ABW3545-HEP0150	ABW3555-HEP0150	ABW3545-HNB0150	ABW3555-HNB0150
200	8"	59.6				
250	10"	67	*Gear type and handle type are available for this model sizes below or above 150 mm			
300	12"	75.5				
350	14"	76				
400	16"	102				
450	18"	114				
500	20"	127				
550	22"	151				
600	24"	151				
650	26"	172				
700	28"	165				
750	30"	167				
800	32"	188				
900	36"	203				
1000	40"	216				
1200	48"	276				

DN		 L(mm)	PTFE		Viton	
mm	inch		Model PN16	Model PN25	Model PN16	Model PN25
40	1 1/2"	33	ABW3545-HPT0040	ABW3555-HPT0040	ABW3545-HVT0040	ABW3555-HVT0040
50	2"	42	ABW3545-HPT0050	ABW3555-HPT0050	ABW3545-HVT0050	ABW3555-HVT0050
65	2 1/2"	44.5	ABW3545-HPT0065	ABW3555-HPT0065	ABW3545-HVT0065	ABW3555-HVT0065
80	3"	44.5	ABW3545-HPT0080	ABW3555-HPT0080	ABW3545-HVT0080	ABW3555-HVT0080
100	4"	51	ABW3545-HPT0100	ABW3555-HPT0100	ABW3545-HVT0100	ABW3555-HVT0100
125	5"	54.5	ABW3545-HPT0125	ABW3555-HPT0125	ABW3545-HVT0125	ABW3555-HVT0125
150	6"	54.5	ABW3545-HPT0150	ABW3555-HPT0150	ABW3545-HVT0150	ABW3555-HVT0150
200	8"	59.6				
250	10"	67	*Gear type and handle type are available for this model sizes below or above 150 mm			
300	12"	75.5				
350	14"	76				
400	16"	102				
450	18"	114				
500	20"	127				
550	22"	151				
600	24"	151				
650	26"	172				
700	28"	165				
750	30"	167				
800	32"	188				
900	36"	203				
1000	40"	216				
1200	48"	276				

ABW3546-H(G,M) | ABW3556-H(G,M)

BS EN 593 Wafer Type Butterfly Valve PN16
Alu.Bronze Disc Handle



Body : Ductile iron (A536 Gr. 65-45-12)
 Disk : Bronze (B148 C95400)
 Connection : BS EN 1092-2 PN16/PN25
 Shaft : Stainless steel (A276 S 410)
 O-ring : EPDM
 Bushing : PTFE

Working Pressure : PN16/PN25
 Testing Pressure : Shell: 24bar/37.5bar
 : Seal: 17.6bar/27.5bar
 Working Temperature : -20° C to 110° C EPDM Seat
 : -10° C to 80° C NBR Seat

DN		L(mm)	EPDM		NBR	
mm	inch		Model PN16	Model PN25	Model PN16	Model PN25
40	1 1/2"	33	ABW3546-HEP0040	ABW3556-HEP0040	ABW3546-HNB0040	ABW3556-HNB0040
50	2"	42	ABW3546-HEP0050	ABW3556-HEP0050	ABW3546-HNB0050	ABW3556-HNB0050
65	2 1/2"	44.5	ABW3546-HEP0065	ABW3556-HEP0065	ABW3546-HNB0065	ABW3556-HNB0065
80	3"	44.5	ABW3546-HEP0080	ABW3556-HEP0080	ABW3546-HNB0080	ABW3556-HNB0080
100	4"	51	ABW3546-HEP0100	ABW3556-HEP0100	ABW3546-HNB0100	ABW3556-HNB0100
125	5"	54.5	ABW3546-HEP0125	ABW3556-HEP0125	ABW3546-HNB0125	ABW3556-HNB0125
150	6"	54.5	ABW3546-HEP0150	ABW3556-HEP0150	ABW3546-HNB0150	ABW3556-HNB0150
200	8"	59.6				
250	10"	67	*Gear type and handle type are available for this model sizes below or above 150 mm			
300	12"	75.5				
350	14"	76				
400	16"	102				
450	18"	114				
500	20"	127				
550	22"	151				
600	24"	151				
650	26"	172				
700	28"	165				
750	30"	167				
800	32"	188				
900	36"	203				
1000	40"	216				
1200	48"	276				

DN		 L(mm)	PTFE		Viton	
mm	inch		Model PN16	Model PN25	Model PN16	Model PN25
40	1 1/2"	33	ABW3546-HPT0040	ABW3556-HPT0040	ABW3546-HVT0040	ABW3556-HVT0040
50	2"	42	ABW3546-HPT0050	ABW3556-HPT0050	ABW3546-HVT0050	ABW3556-HVT0050
65	2 1/2"	44.5	ABW3546-HPT0065	ABW3556-HPT0065	ABW3546-HVT0065	ABW3556-HVT0065
80	3"	44.5	ABW3546-HPT0080	ABW3556-HPT0080	ABW3546-HVT0080	ABW3556-HVT0080
100	4"	51	ABW3546-HPT0100	ABW3556-HPT0100	ABW3546-HVT0100	ABW3556-HVT0100
125	5"	54.5	ABW3546-HPT0125	ABW3556-HPT0125	ABW3546-HVT0125	ABW3556-HVT0125
150	6"	54.5	ABW3546-HPT0150	ABW3556-HPT0150	ABW3546-HVT0150	ABW3556-HVT0150
200	8"	59.6				
250	10"	67	*Gear type and handle type are available for this model sizes below or above 150 mm			
300	12"	75.5				
350	14"	76				
400	16"	102				
450	18"	114				
500	20"	127				
550	22"	151				
600	24"	151				
650	26"	172				
700	28"	165				
750	30"	167				
800	32"	188				
900	36"	203				
1000	40"	216				
1200	48"	276				

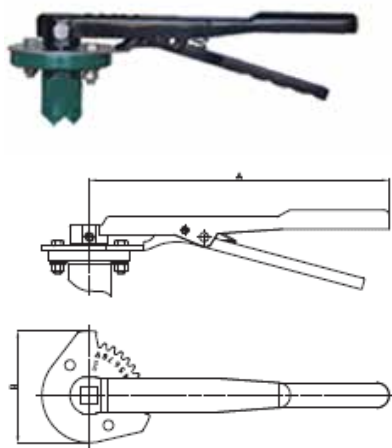
Other Available Standards for ABW35 Series _____

Design Standards MSS SP-67/API 609/ISO 5752/BS 5155

Flange Connection ASME Class 125/Class 250/JIS 10K/JIS 16K

Lever for ABW34 & ABW35 series

BS EN 593 Lugged Butterfly Valve
PN16 Ductile Iron Disk Handle



Lever : Malleable Iron

Top Plate : SS304

DN		A(mm)	B(mm)	Model
mm	inch			
25-80	1"-3"	195	95	LMI25-80
100-125	4"-5"	266	109	LMI100-125
150	6"	328	109	LMI150
200-250	8"-10"	386	164	LMI200-250
300	12"	391	164	LMI300

ABL3244-H

BS EN 593 Lugged Butterfly Valve
PN16 Ductile Iron Disk Handle



Body : EN-GJS-450-10
Disk : EN-GJS-450-10
Connection : BS EN 1092-2 PN10/PN16
Stem : SS420

Maximum Working Pressure : PN16
Maximum Working Temperature : 0°C - 80°C

DN		L(mm)	Kg	Seat		
mm	inch			EPDM Model	NBR Model	PTFE Model
40	1 1/2"	33	2.5013	ABL3244-HEP0040	ABL3244-HNB0040	ABL3244-HPT0040
50	2"	43	3.3117	ABL3244-HEP0050	ABL3244-HNB0050	ABL3244-HPT0050
65	2 1/2"	46	3.8226	ABL3244-HEP0065	ABL3244-HNB0065	ABL3244-HPT0065
80	3"	46	5.0146	ABL3244-HEP0080	ABL3244-HNB0080	ABL3244-HPT0080
100	4"	52	6.2908	ABL3244-HEP0100	ABL3244-HNB0100	ABL3244-HPT0100
125	5"	56	9.052	ABL3244-HEP0125	ABL3244-HNB0125	ABL3244-HPT0125
150	6"	56	10.3955	ABL3244-HEP0150	ABL3244-HNB0150	ABL3244-HPT0150
200	8"	60	18.0427	ABL3244-HEP0200	ABL3244-HNB0200	ABL3244-HPT0200
250	10"	68	26.1211	ABL3244-HEP0250	ABL3244-HNB0250	ABL3244-HPT0250
300	12"	78	39.042	ABL3244-HEP0300	ABL3244-HNB0300	ABL3244-HPT0300

ABL3245-H

BS EN 593 Lugged Butterfly Valve
PN16 SS Disk Gear



Body : EN-GJS-450-10
Disk : SS304 (*On request SS316)
Connection : BS EN 1092-2 PN10/PN16
Stem : SS420

Maximum Working Pressure : PN16
Maximum Working Temperature : 0°C - 80°C

DN		L(mm)	Kg	Seat		
mm	inch			EPDM Model	NBR Model	PTFE Model
40	1 1/2"	33	2.5013	ABL3245-HEP0040	ABL3245-HNB0040	ABL3245-HPT0040
50	2"	43	3.3117	ABL3245-HEP0050	ABL3245-HNB0050	ABL3245-HPT0050
65	2 1/2"	46	3.8226	ABL3245-HEP0065	ABL3245-HNB0065	ABL3245-HPT0065
80	3"	46	5.0146	ABL3245-HEP0080	ABL3245-HNB0080	ABL3245-HPT0080
100	4"	52	6.2908	ABL3245-HEP0100	ABL3245-HNB0100	ABL3245-HPT0100
125	5"	56	9.052	ABL3245-HEP0125	ABL3245-HNB0125	ABL3245-HPT0125
150	6"	56	10.3955	ABL3245-HEP0150	ABL3245-HNB0150	ABL3245-HPT0150
200	8"	60	18.0427	ABL3245-HEP0200	ABL3245-HNB0200	ABL3245-HPT0200
250	10"	68	26.1211	ABL3245-HEP0250	ABL3245-HNB0250	ABL3245-HPT0250
300	12"	78	39.042	ABL3245-HEP0300	ABL3245-HNB0300	ABL3245-HPT0300

ABL3246-H

BS EN 593 Lugged Butterfly Valve
PN16 Aluminium Bronze Disk Handle



Body : EN-GJS-450-10
Disk : ASTM B148 C95400
Connection : BS EN 1092-2 PN10/PN16
Stem : SS420

Maximum Working Pressure : PN16
Maximum Working Temperature : 0°C - 80°C

DN		L(mm)	Kg	Seat		
mm	inch			EPDM Model	NBR Model	PTFE Model
40	1 1/2"	33	2.5013	ABL3246-HEP0040	ABL3246-HNB0040	ABL3246-HPT0040
50	2"	43	3.3117	ABL3246-HEP0050	ABL3246-HNB0050	ABL3246-HPT0050
65	2 1/2"	46	3.8226	ABL3246-HEP0065	ABL3246-HNB0065	ABL3246-HPT0065
80	3"	46	5.0146	ABL3246-HEP0080	ABL3246-HNB0080	ABL3246-HPT0080
100	4"	52	6.2908	ABL3246-HEP0100	ABL3246-HNB0100	ABL3246-HPT0100
125	5"	56	9.052	ABL3246-HEP0125	ABL3246-HNB0125	ABL3246-HPT0125
150	6"	56	10.3955	ABL3246-HEP0150	ABL3246-HNB0150	ABL3246-HPT0150
200	8"	60	18.0427	ABL3246-HEP0200	ABL3246-HNB0200	ABL3246-HPT0200
250	10"	68	26.1211	ABL3246-HEP0250	ABL3246-HNB0250	ABL3246-HPT0250
300	12"	78	39.042	ABL3246-HEP0300	ABL3246-HNB0300	ABL3246-HPT0300

ABL3344-H

BS EN 593 Lugged Butterfly Valve
PN16 Ductile Iron Disk Handle



Body : EN-GJS-450-10
 Disk : EN-GJS-450-10
 Connection : BS EN 1092-2 PN10/PN16
 Stem : DN50-350: SS420, One-Piece Stem Design
 DN400-800: SS431, Two-Piece Stem Design

Maximum Working Pressure : DN50-600: PN16
 : DN750: PN10

Maximum Working Temperature : 0°C - 80°C

DN		L(mm)	Kg	Seat		
mm	inch			EPDM Vulcanized on Valve Body	EPDM/NBR Vulcanized on Valve Body	Soft Seat in EPDM/NBR
				Model	Model	Model
50	2"	43	4.293	ABL3344-HEP0050	ABL3344-HNB0050	ABL3344-HEN0050
65	2 1/2"	46	4.9423	ABL3344-HEP0065	ABL3344-HNB0065	ABL3344-HEN0065
80	3"	46	6.3028	ABL3344-HEP0080	ABL3344-HNB0080	ABL3344-HEN0080
100	4"	52	8.02	ABL3344-HEP0100	ABL3344-HNB0100	ABL3344-HEN0100
125	5"	56	10.3687	ABL3344-HEP0125	ABL3344-HNB0125	ABL3344-HEN0125
150	6"	56	11.45	ABL3344-HEP0150	ABL3344-HNB0150	ABL3344-HEN0150
200	8"	60	20.9648	ABL3344-HEP0200	ABL3344-HNB0200	ABL3344-HEN0200
250	10"	68	30.358	ABL3344-HEP0250	ABL3344-HNB0250	ABL3344-HEN0250
300	12"	78	44.1632	ABL3344-HEP0300	ABL3344-HNB0300	ABL3344-HEN0300
350	14"	78		ABL3344-HEP0350	ABL3344-HNB0350	ABL3344-HEN0350
400	16"	102		ABL3344-HEP0400	ABL3344-HNB0400	ABL3344-HEN0400
450	18"	114		ABL3344-HEP0450	ABL3344-HNB0450	ABL3344-HEN0450
500	20"	127		ABL3344-HEP0500	ABL3344-HNB0500	ABL3344-HEN0500
600	24"	154		ABL3344-HEP0600	ABL3344-HNB0600	ABL3344-HEN0600
750	30"	165		ABL3344-HEP0750	ABL3344-HNB0750	ABL3344-HEN0750

ABL3344-G

BS EN 593 Lugged Butterfly Valve
PN16 Ductile Iron Disk Gear



Body : EN-GJS-450-10
 Disk : EN-GJS-450-10
 Connection : BS EN 1092-2 PN10/PN16
 Stem : DN50-350: SS420, One-Piece Stem Design
 DN400-800: SS431, Two-Piece Stem Design

Maximum Working Pressure : DN50-600: PN16
 : DN750: PN10

Maximum Working Temperature : 0°C - 80°C

DN		 L(mm)	Kg	Seat		
				EPDM Vulcanized on Valve Body Model	EPDM/NBR Vulcanized on Valve Body Model	Soft Seat in EPDM/NBR Model
mm	inch					
50	2"	43	6.4697	ABL3344-GEP0050	ABL3344-GNB0050	ABL3344 - GEN0050
65	2 1/2"	46	7.119	ABL3344-GEP0065	ABL3344-GNB0065	ABL3344 - GEN0065
80	3"	46	8.4795	ABL3344-GEP0080	ABL3344-GNB0080	ABL3344 - GEN0080
100	4"	52	10.2032	ABL3344-GEP0100	ABL3344 -GNB0100	ABL3344 - GEN0100
125	5"	56	12.5519	ABL3344-GEP0125	ABL3344-GNB0125	ABL3344 - GEN0125
150	6"	56	13.6445	ABL3344-GEP0150	ABL3344-GNB0150	ABL3344 - GEN0150
200	8"	60	26.9035	ABL3344-GEP0200	ABL3344-GNB0200	ABL3344 - GEN0200
250	10"	68	35.5896	ABL3344-GEP0250	ABL3344-GNB0250	ABL3344 - GEN0250
300	12"	78	53.1373	ABL3344-GEP0300	ABL3344-GNB0300	ABL3344 - GEN0300
350	14"	78	69.6081	ABL3344-GEP0350	ABL3344-GNB0350	ABL3344 - GEN0350
400	16"	102	130.4581	ABL3344-GEP0400	ABL3344-GNB0400	ABL3344 - GEN0400
450	18"	114	153.3994	ABL3344-GEP0450	ABL3344-GNB0450	ABL3344 - GEN0450
500	20"	127	220.5758	ABL3344-GEP0500	ABL3344-GNB0500	ABL3344 - GEN0500
600	24"	154	312.9415	ABL3344-GEP0600	ABL3344-GNB0600	ABL3344 - GEN0600
750	30"	165		ABL3344-GEP0750	ABL3344-GNB0750	ABL3344 - GEN0750

ABL3345-H

BS EN 593 Lugged Butterfly Valve
PN16 Stainless Steel Disk Handle



Body : EN-GJS-450-10
 Disk : SS304 (*On request SS316)
 Connection : BS EN 1092-2 PN10/PN16
 Stem : DN50-350: SS420, One-Piece Stem Design
 DN400-800: SS431, Two-Piece Stem Design

Maximum Working Pressure : DN50-600: PN16
 : DN750: PN10

Maximum Working Temperature : 0°C - 80°C

DN		L(mm)	Kg	Seat		
				EPDM Vulcanized on Valve Body	EPDM/NBR Vulcanized on Valve Body	Soft Seat in EPDM/NBR
mm	inch		Model	Model	Model	
50	2"	43	4.293	ABL3345-HEPO050	ABL3345-HNB0050	ABL3345-HENO050
65	2 1/2"	46	4.9423	ABL3345-HEPO065	ABL3345-HNB0065	ABL3345-HENO065
80	3"	46	6.3028	ABL3345-HEPO080	ABL3345-HNB0080	ABL3345-HENO080
100	4"	52	8.02	ABL3345-HEPO100	ABL3345-HNB0100	ABL3345-HENO100
125	5"	56	10.3687	ABL3345-HEPO125	ABL3345-HNB0125	ABL3345-HENO125
150	6"	56	11.45	ABL3345-HEPO150	ABL3345-HNB0150	ABL3345-HENO150
200	8"	60	20.9648	ABL3345-HEPO200	ABL3345-HNB0200	ABL3345-HENO200
250	10"	68	30.358	ABL3345-HEPO250	ABL3345-HNB0250	ABL3345-HENO250
300	12"	78	44.1632	ABL3345-HEPO300	ABL3345-HNB0300	ABL3345-HENO300
350	14"	78		ABL3345-HEPO350	ABL3345-HNB0350	ABL3345-HENO350
400	16"	102		ABL3345-HEPO400	ABL3345-HNB0400	ABL3345-HENO400
450	18"	114		ABL3345-HEPO450	ABL3345-HNB0450	ABL3345-HENO450
500	20"	127		ABL3345-HEPO500	ABL3345-HNB0500	ABL3345-HENO500
600	24"	154		ABL3345-HEPO600	ABL3345-HNB0600	ABL3345-HENO600
750	30"	165		ABL3345-HEPO750	ABL3345-HNB0750	ABL3345-HENO750

ABL3345-G

BS EN 593 Lugged Butterfly Valve
PN16 Stainless Steel Disk Gear



Body : EN-GJS-450-10
 Disk : SS304 (*On request SS316)
 Connection : BS EN 1092-2 PN10/PN16
 Stem : DN50-350: SS420, One-Piece Stem Design
 DN400-800: SS431, Two-Piece Stem Design

Maximum Working Pressure : DN50-600: PN16
 : DN750: PN10

Maximum Working Temperature : 0°C - 80°C

DN		L(mm)	Kg	Seat		
				EPDM Vulcanized on Valve Body	EPDM/NBR Vulcanized on Valve Body	Soft Seat in EPDM/NBR
mm	inch		Model	Model	Model	
50	2"	43	6.4697	ABL3345-GEP0050	ABL3345-GNB0050	ABL3345-GEN0050
65	2 1/2"	46	7.119	ABL3345-GEP0065	ABL3345-GNB0065	ABL3345-GEN0065
80	3"	46	8.4795	ABL3345-GEP0080	ABL3345-GNB0080	ABL3345-GEN0080
100	4"	52	10.2032	ABL3345-GEP0100	ABL3345-GNB0100	ABL3345-GEN0100
125	5"	56	12.5519	ABL3345-GEP0125	ABL3345-GNB0125	ABL3345-GEN0125
150	6"	56	13.6445	ABL3345-GEP0150	ABL3345-GNB0150	ABL3345-GEN0150
200	8"	60	26.9035	ABL3345-GEP0200	ABL3345-GNB0200	ABL3345-GEN0200
250	10"	68	35.5896	ABL3345-GEP0250	ABL3345-GNB0250	ABL3345-GEN0250
300	12"	78	53.1373	ABL3345-GEP0300	ABL3345-GNB0300	ABL3345-GEN0300
350	14"	78	69.6081	ABL3345-GEP0350	ABL3345-GNB0350	ABL3345-GEN0350
400	16"	102	130.4581	ABL3345-GEP0400	ABL3345-GNB0400	ABL3345-GEN0400
450	18"	114	153.3994	ABL3345-GEP0450	ABL3345-GNB0450	ABL3345-GEN0450
500	20"	127	220.5758	ABL3345-GEP0500	ABL3345-GNB0500	ABL3345-GEN0500
600	24"	154	312.9415	ABL3345-GEP0600	ABL3345-GNB0600	ABL3345-GEN0600
750	30"	165		ABL3345-GEP0750	ABL3345-GNB0750	ABL3345-GEN0750

ABL3346-H

BS EN 593 Lugged Butterfly Valve
PN16 Aluminium Bronze Disk Handle



Body : EN-GJS-450-10
 Disk : AL-Bronze UNC 95400
 Connection : BS EN 1092-2 PN10/PN16
 Stem : DN50-350: SS420, One-Piece Stem Design
 DN400-800: SS431, Two-Piece Stem Design

Maximum Working Pressure : DN50-600: PN16
 : DN750: PN10

Maximum Working Temperature : 0°C - 80°C

DN		 L(mm)	Kg	Seat		
				EPDM Vulcanized on Valve Body Model	EPDM/NBR Vulcanized on Valve Body Model	Soft Seat in EPDM/NBR Model
mm	inch					
50	2"	43	4.293	ABL3346-HEP0050	ABL3346-HNB0050	ABL3346-HEN0050
65	2 1/2"	46	4.9423	ABL3346-HEP0065	ABL3346-HNB0065	ABL3346-HEN0065
80	3"	46	6.3028	ABL3346-HEP0080	ABL3346-HNB0080	ABL3346-HEN0080
100	4"	52	8.02	ABL3346-HEP0100	ABL3346-HNB0100	ABL3346-HEN0100
125	5"	56	10.3687	ABL3346-HEP0125	ABL3346-HNB0125	ABL3346-HEN0125
150	6"	56	11.45	ABL3346-HEP0150	ABL3346-HNB0150	ABL3346-HEN0150
200	8"	60	20.9648	ABL3346-HEP0200	ABL3346-HNB0200	ABL3346-HEN0200
250	10"	68	30.358	ABL3346-HEP0250	ABL3346-HNB0250	ABL3346-HEN0250
300	12"	78	44.1632	ABL3346-HEP0300	ABL3346-HNB0300	ABL3346-HEN0300
350	14"	78		ABL3346-HEP0350	ABL3346-HNB0350	ABL3346-HEN0350
400	16"	102		ABL3346-HEP0400	ABL3346-HNB0400	ABL3346-HEN0400
450	18"	114		ABL3346-HEP0450	ABL3346-HNB0450	ABL3346-HEN0450
500	20"	127		ABL3346-HEP0500	ABL3346-HNB0500	ABL3346-HEN0500
600	24"	154		ABL3346-HEP0600	ABL3346-HNB0600	ABL3346-HEN0600
750	30"	165		ABL3346-HEP0750	ABL3346-HNB0750	ABL3346-HEN0750

ABL3346-G

BS EN 593 Lugged Butterfly Valve
PN16 Aluminium Bronze Disk Gear



Body : EN-GJS-450-10
 Disk : AL-Bronze UNC 95400
 Connection : BS EN 1092-2 PN10/PN16
 Stem : DN50-350: SS420, One-Piece Stem Design
 DN400-800: SS431, Two-Piece Stem Design

Maximum Working Pressure : DN50-600: PN16
 : DN750: PN10

Maximum Working Temperature : 0°C - 80°C

DN		 L(mm)	Kg	Seat		
				EPDM Vulcanized on Valve Body Model	EPDM/NBR Vulcanized on Valve Body Model	Soft Seat in EPDM/NBR Model
mm	inch					
50	2"	43	6.4697	ABL3346-GEP0050	ABL3346-GNB0050	ABL3346-GEN0050
65	2 1/2"	46	7.119	ABL3346-GEP0065	ABL3346-GNB0065	ABL3346-GEN0065
80	3"	46	8.4795	ABL3346-GEP0080	ABL3346-GNB0080	ABL3346-GEN0080
100	4"	52	10.2032	ABL3346-GEP0100	ABL3346-GNB0100	ABL3346-GEN0100
125	5"	56	12.5519	ABL3346-GEP0125	ABL3346-GNB0125	ABL3346-GEN0125
150	6"	56	13.6445	ABL3346-GEP0150	ABL3346-GNB0150	ABL3346-GEN0150
200	8"	60	26.9035	ABL3346-GEP0200	ABL3346-GNB0200	ABL3346-GEN0200
250	10"	68	35.5896	ABL3346-GEP0250	ABL3346-GNB0250	ABL3346-GEN0250
300	12"	78	53.1373	ABL3346-GEP0300	ABL3346-GNB0300	ABL3346-GEN0300
350	14"	78	69.6081	ABL3346-GEP0350	ABL3346-GNB0350	ABL3346-GEN0350
400	16"	102	130.4581	ABL3346-GEP0400	ABL3346-GNB0400	ABL3346-GEN0400
450	18"	114	153.3994	ABL3346-GEP0450	ABL3346-GNB0450	ABL3346-GEN0450
500	20"	127	220.5758	ABL3346-GEP0500	ABL3346-GNB0500	ABL3346-GEN0500
600	24"	154	312.9415	ABL3346-GEP0600	ABL3346-GNB0600	ABL3346-GEN0600
750	30"	165		ABL3346-GEP0750	ABL3346-GNB0750	ABL3346-GEN0750

ABF3244-H


BS EN 593 Double Flanged Butterfly Valve
PN16 Ductile Iron Disk Handle



Body : EN-GJS-450-10
 Disk : EN-GJS-450-10
 Connection : BS EN 1092 PN16
 Stem : DN50-350: Stainless Steel, One-Piece Stem Design
 DN400-800: Stainless Steel, Two-Piece Stem Design

Maximum Working Pressure : DN50-500: PN16
 : DN650-800: PN10

Maximum Working Temperature : 0°C - 80°C

DN		 L(mm)	Kg	Seat	
				EPDM Model	NBR Model
50	2"	108	8.2086	ABF3244-HEP0050	ABF3244-HNB0050
65	2 1/2"	112	9.9371	ABF3244-HEP0065	ABF3244-HNB0065
80	3"	114	10.9074	ABF3244-HEP0080	ABF3244-HNB0080
100	4"	127	13.2855	ABF3244-HEP0100	ABF3244-HNB0100
125	5"	140	17.0197	ABF3244-HEP0125	ABF3244-HNB0125
150	6"	140	20.5646	ABF3244-HEP0150	ABF3244-HNB0150
200	8"	152	31.6444	ABF3244-HEP0200	ABF3244-HNB0200
250	10"	165	43.6693	ABF3244-HEP0250	ABF3244-HNB0250
300	12"	178	55.6132	ABF3244-HEP0300	ABF3244-HNB0300
350	14"	190		ABF3244-HEP0350	ABF3244-HNB0350
400	16"	216		ABF3244-HEP0400	ABF3244-HNB0400
450	18"	222		ABF3244-HEP0450	ABF3244-HNB0450
500	20"	229		ABF3244-HEP0500	ABF3244-HNB0500
600	24"	267		ABF3244-HEP0600	ABF3244-HNB0600
700	28"	292		ABF3244-HEP0700	ABF3244-HNB0700
800	32"	318		ABF3244-HEP0800	ABF3244-HNB0800

ABF3244-G

BS EN 593 Double Flanged Butterfly Valve
PN16 Ductile Iron Disk Gear



Body : EN-GJS-450-10
 Disk : EN-GJS-450-10
 Connection : BS EN 1092 PN16
 Stem : DN50-350: Stainless Steel, One-Piece Stem Design
 DN400-800: Stainless Steel, Two-Piece Stem Design

Maximum Working Pressure : DN50-500: PN16
 : DN650-800: PN10

Maximum Working Temperature : 0°C - 80°C

DN		L(mm)	Kg	Seat	
				EPDM Model	NBR Model
50	2"	108	10.3853	ABF3244-GEP0050	ABF3244-GNB0050
65	2 1/2"	112	12.1138	ABF3244-GEP0065	ABF3244-GNB0065
80	3"	114	13.0841	ABF3244-GEP0080	ABF3244-GNB0080
100	4"	127	15.4687	ABF3244-GEP0100	ABF3244-GNB0100
125	5"	140	19.2029	ABF3244-GEP0125	ABF3244-GNB0125
150	6"	140	22.7591	ABF3244-GEP0150	ABF3244-GNB0150
200	8"	152	37.5831	ABF3244-GEP0200	ABF3244-GNB0200
250	10"	165	49.608	ABF3244-GEP0250	ABF3244-GNB0250
300	12"	178	64.5873	ABF3244-GEP0300	ABF3244-GNB0300
350	14"	190	91.8531	ABF3244-GEP0350	ABF3244-GNB0350
400	16"	216	137.5693	ABF3244-GEP0400	ABF3244-GNB0400
450	18"	222	166.9757	ABF3244-GEP0450	ABF3244-GNB0450
500	20"	229	231.0518	ABF3244-GEP0500	ABF3244-GNB0500
600	24"	267		ABF3244-GEP0600	ABF3244-GNB0600
700	28"	292		ABF3244-GEP0700	ABF3244-GNB0700
800	32"	318		ABF3244-GEP0800	ABF3244-GNB0800

ABF3245-H

BS EN 593 Double Flanged Butterfly Valve
PN16 Stainless Steel Disk Handle



Body : EN-GJS-450-10
 Disk : SS304 (*On request SS316)
 Connection : BS EN 1092 PN16
 Stem : DN50-350: Stainless Steel, One-Piece Stem Design
 DN400-800: Stainless Steel, Two-Piece Stem Design

Maximum Working Pressure : DN50-500: PN16
 : DN650-800: PN10

Maximum Working Temperature : 0°C - 80°C

DN		 L(mm)	Kg	Seat	
				EPDM Model	NBR Model
50	2"	108	8.2086	ABF3245-HEP0050	ABF3245-HNB0050
65	2 1/2"	112	9.9371	ABF3245-HEP0065	ABF3245-HNB0065
80	3"	114	10.9074	ABF3245-HEP0080	ABF3245-HNB0080
100	4"	127	13.2855	ABF3245-HEP0100	ABF3245-HNB0100
125	5"	140	17.0197	ABF3245-HEP0125	ABF3245-HNB0125
150	6"	140	20.5646	ABF3245-HEP0150	ABF3245-HNB0150
200	8"	152	31.6444	ABF3245-HEP0200	ABF3245-HNB0200
250	10"	165	43.6693	ABF3245-HEP0250	ABF3245-HNB0250
300	12"	178	55.6132	ABF3245-HEP0300	ABF3245-HNB0300
350	14"	190		ABF3245-HEP0350	ABF3245-HNB0350
400	16"	216		ABF3245-HEP0400	ABF3245-HNB0400
450	18"	222		ABF3245-HEP0450	ABF3245-HNB0450
500	20"	229		ABF3245-HEP0500	ABF3245-HNB0500
600	24"	267		ABF3245-HEP0600	ABF3245-HNB0600
700	28"	292		ABF3245-HEP0700	ABF3245-HNB0700
800	32"	318		ABF3245-HEP0800	ABF3245-HNB0800

ABF3245-G

BS EN 593 Double Flanged Butterfly Valve
PN16 Stainless Steel Disk Gear



Body : EN-GJS-450-10
 Disk : SS304 (*On request SS316)
 Connection : BS EN 1092 PN16
 Stem : DN50-350: Stainless Steel, One-Piece Stem Design
 DN400-800: Stainless Steel, Two-Piece Stem Design

Maximum Working Pressure : DN50-500: PN16
 : DN650-800: PN10

Maximum Working Temperature : 0°C - 80°C

DN		 L(mm)	Kg	Seat	
				EPDM Model	NBR Model
50	2"	108	10.3853	ABF3245-GEP0050	ABF3245-GNB0050
65	2 1/2"	112	12.1138	ABF3245-GEP0065	ABF3245-GNB0065
80	3"	114	13.0841	ABF3245-GEP0080	ABF3245-GNB0080
100	4"	127	15.4687	ABF3245-GEP0100	ABF3245-GNB0100
125	5"	140	19.2029	ABF3245-GEP0125	ABF3245-GNB0125
150	6"	140	22.7591	ABF3245-GEP0150	ABF3245-GNB0150
200	8"	152	37.5831	ABF3245-GEP0200	ABF3245-GNB0200
250	10"	165	49.608	ABF3245-GEP0250	ABF3245-GNB0250
300	12"	178	64.5873	ABF3245-GEP0300	ABF3245-GNB0300
350	14"	190	91.8531	ABF3245-GEP0350	ABF3245-GNB0350
400	16"	216	137.5693	ABF3245-GEP0400	ABF3245-GNB0400
450	18"	222	166.9757	ABF3245-GEP0450	ABF3245-GNB0450
500	20"	229	231.0518	ABF3245-GEP0500	ABF3245-GNB0500
600	24"	267		ABF3245-GEP0600	ABF3245-GNB0600
700	28"	292		ABF3245-GEP0700	ABF3245-GNB0700
800	32"	318		ABF3245-GEP0800	ABF3245-GNB0800

ABF3246-H


BS EN 593 Double Flanged Butterfly Valve
PN16 Aluminium Bronze Disk Handle



Body : EN-GJS-450-10
 Disk : AL-Bronze C95400
 Connection : BS EN 1092 PN16
 Stem : DN50-350: Stainless Steel, One-Piece Stem Design
 DN400-800: Stainless Steel, Two-Piece Stem Design

Maximum Working Pressure : DN50-500: PN16
 : DN650-800: PN10

Maximum Working Temperature : 0°C - 80°C

DN		 L(mm)	Kg	Seat	
				EPDM Model	NBR Model
50	2"	108	8.2086	ABF3246-HEP0050	ABF3246-HNB0050
65	2 1/2"	112	9.9371	ABF3246-HEP0065	ABF3246-HNB0065
80	3"	114	10.9074	ABF3246-HEP0080	ABF3246-HNB0080
100	4"	127	13.2855	ABF3246-HEP0100	ABF3246-HNB0100
125	5"	140	17.0197	ABF3246-HEP0125	ABF3246-HNB0125
150	6"	140	20.5646	ABF3246-HEP0150	ABF3246-HNB0150
200	8"	152	31.6444	ABF3246-HEP0200	ABF3246-HNB0200
250	10"	165	43.6693	ABF3246-HEP0250	ABF3246-HNB0250
300	12"	178	55.6132	ABF3246-HEP0300	ABF3246-HNB0300
350	14"	190		ABF3246-HEP0350	ABF3246-HNB0350
400	16"	216		ABF3246-HEP0400	ABF3246-HNB0400
450	18"	222		ABF3246-HEP0450	ABF3246-HNB0450
500	20"	229		ABF3246-HEP0500	ABF3246-HNB0500
600	24"	267		ABF3246-HEP0600	ABF3246-HNB0600
700	28"	292		ABF3246-HEP0700	ABF3246-HNB0700
800	32"	318		ABF3246-HEP0800	ABF3246-HNB0800

ABF3246-G


BS EN 593 Double Flanged Butterfly Valve
PN16 Aluminium Bronze Disk Gear



Body : EN-GJS-450-10
 Disk : AL-Bronze C95400
 Connection : BS EN 1092 PN16
 Stem : DN50-350: Stainless Steel, One-Piece Stem Design
 DN400-800: Stainless Steel, Two-Piece Stem Design

Maximum Working Pressure : DN50-500: PN16
 : DN650-800: PN10

Maximum Working Temperature : 0°C - 80°C

DN		 L(mm)	Kg	Seat	
				EPDM Model	NBR Model
50	2"	108	10.3853	ABF3246-GEP0050	ABF3246-GNB0050
65	2 1/2"	112	12.1138	ABF3246-GEP0065	ABF3246-GNB0065
80	3"	114	13.0841	ABF3246-GEP0080	ABF3246-GNB0080
100	4"	127	15.4687	ABF3246-GEP0100	ABF3246-GNB0100
125	5"	140	19.2029	ABF3246-GEP0125	ABF3246-GNB0125
150	6"	140	22.7591	ABF3246-GEP0150	ABF3246-GNB0150
200	8"	152	37.5831	ABF3246-GEP0200	ABF3246-GNB0200
250	10"	165	49.608	ABF3246-GEP0250	ABF3246-GNB0250
300	12"	178	64.5873	ABF3246-GEP0300	ABF3246-GNB0300
350	14"	190	91.8531	ABF3246-GEP0350	ABF3246-GNB0350
400	16"	216	137.5693	ABF3246-GEP0400	ABF3246-GNB0400
450	18"	222	166.9757	ABF3246-GEP0450	ABF3246-GNB0450
500	20"	229	231.0518	ABF3246-GEP0500	ABF3246-GNB0500
600	24"	267		ABF3246-GEP0600	ABF3246-GNB0600
700	28"	292		ABF3246-GEP0700	ABF3246-GNB0700
800	32"	318		ABF3246-GEP0800	ABF3246-GNB0800

ABF3344-G

Double Eccentric Butterfly Valve
PN16 Ductile Iron Disk



Body : EN-GJS-450-10
Disk : EN-GJS-450-10
Connection : BS EN 1092 PN16
Upper Stem : Stainless Steel
Lower Stem : Stainless Steel

Maximum Working Pressure : PN16
Maximum Working Temperature : 0°C - 80°C

DN		L(mm)	Seat	
mm	inch		EPDM Model	NBR Model
100	4"	127	ABF3344-GEP0100	ABF3344-GNB0100
125	5"	140	ABF3344-GEP0125	ABF3344-GNB0125
150	6"	140	ABF3344-GEP0150	ABF3344-GNB0150
200	8"	152	ABF3344-GEP0200	ABF3344-GNB0200
250	10"	165	ABF3344-GEP0250	ABF3344-GNB0250
300	12"	178	ABF3344-GEP0300	ABF3344-GNB0300
350	14"	190	ABF3344-GEP0350	ABF3344-GNB0350
400	16"	216	ABF3344-GEP0400	ABF3344-GNB0400
450	18"	222	ABF3344-GEP0450	ABF3344-GNB0450
500	20"	229	ABF3344-GEP0500	ABF3344-GNB0500
600	24"	267	ABF3344-GEP0600	ABF3344-GNB0600

ABF3345-G

Double Eccentric Butterfly Valve
PN16 Stainless Steel Disk



Body : EN-GJS-450-10
Disk : SS304 (*On request SS316)
Connection : BS EN 1092 PN16
Upper Stem : Stainless Steel
Lower Stem : Stainless Steel

Maximum Working Pressure : PN16
Maximum Working Temperature : 0°C - 80°C

DN		L(mm)	Kg	Seat	
mm	inch			EPDM Model	NBR Model
100	4"	127	14.3642	ABF3345-GEP0100	ABF3345-GNB0100
125	5"	140	17.664	ABF3345-GEP0125	ABF3345-GNB0125
150	6"	140	21.6996	ABF3345-GEP0150	ABF3345-GNB0150
200	8"	152	52.1512	ABF3345-GEP0200	ABF3345-GNB0200
250	10"	165	66.2562	ABF3345-GEP0250	ABF3345-GNB0250
300	12"	178	116.2455	ABF3345-GEP0300	ABF3345-GNB0300
350	14"	190	140.791	ABF3345-GEP0350	ABF3345-GNB0350
400	16"	216	188.8313	ABF3345-GEP0400	ABF3345-GNB0400
450	18"	222	218.1877	ABF3345-GEP0450	ABF3345-GNB0450
500	20"	229	284.039	ABF3345-GEP0500	ABF3345-GNB0500
600	24"	267	433.3335	ABF3345-GEP0600	ABF3345-GNB0600

ABF3404-G

BS EN 593 Double Flanged Butterfly Valve
PN16 Aluminium Bronze Disk Gear



Body : EN-GJS-450-10
 Disk : EN-GJS-450-10
 Connection : BS EN 1092 PN10/PN16
 Upper Stem : Stainless Steel
 Lower Stem : Stainless Steel

Maximum Working Pressure : PN10
 Maximum Working Temperature : 0°C - 80°C

DN		 L(mm)	Kg	Seat	
				EPDM Model	NBR Model
400	16"	216	184.5491	ABF3404-GEP0400	ABF3404-GNB0400
450	18"	222		ABF3404-GEP0450	ABF3404-GNB0450
500	20"	229		ABF3404-GEP0500	ABF3404-GNB0500
600	24"	267	385.3383	ABF3404-GEP0600	ABF3404-GNB0600
700	28"	292	494.3835	ABF3404-GEP0700	ABF3404-GNB0700
800	32"	318	662.7723	ABF3404-GEP0800	ABF3404-GNB0800
900	36"		785.4989	ABF3404-GEP0900	ABF3404-GNB0900
1000	40"	410	1169.1607	ABF3404-GEP1000	ABF3404-GNB1000
1200	48"	470	1627.0748	ABF3404-GEP1200	ABF3404-GNB1200
1400	56"	530	2395.9329	ABF3404-GEP1400	ABF3404-GNB1400
1600	64"	600	3120.9119	ABF3404-GEP1600	ABF3404-GNB1600
1800	72"	670	4329.7646	ABF3404-GEP1800	ABF3404-GNB1800
2000	80"	760	6065.5686	ABF3404-GEP2000	ABF3404-GNB2000
2200	88"	1000		ABF3404-GEP2200	ABF3404-GNB2200
2400	96"	1100		ABF3404-GEP2400	ABF3404-GNB2400
2600	104"	1200		ABF3404-GEP2600	ABF3404-GNB2600



GATE VALVE



CODIFICATION



AGF3240

BS 5163 Flanged Resilient NRS Gate Valve
PN16



Body : EN-GJS-450-10
 Wedge : EN-GJS-450-10+EPDM
 Connection : Flange to BS EN 1092-2:1997
 Stem : Stainless Steel
 Maximum Working Pressure : PN16
 Maximum Working Temperature : 0°C - 80°C

DN		L(mm)	Model
mm	inch		
50	2"	178	AGF3240-0050
65	2 1/2"	190	AGF3240-0065
80	3"	203	AGF3240-0080
100	4"	229	AGF3240-0100
125	5"	254	AGF3240-0125
150	6"	267	AGF3240-0150
200	8"	292	AGF3240-0200
250	10"	330	AGF3240-0250
300	12"	356	AGF3240-0300
350	14"	381	AGF3240-0350
400	16"	406	AGF3240-0400
450	18"	432	AGF3240-0450
500	20"	457	AGF3240-0500
600	24"	508	AGF3240-0600
700	28"	610	AGF3240-0700
800	32"	660	AGF3240-0800

AGF3250

BS 5163 Flanged Resilient NRS Gate Valve
PN25



Body : EN-GJS-450-10
 Wedge : EN-GJS-450-10+EPDM
 Connection : Flange to BS EN 1092-2:1997
 Stem : Stainless Steel
 Maximum Working Pressure : PN25
 Maximum Working Temperature : 0°C - 80°C

DN		L(mm)	Model
mm	inch		
50	2"	178	AGF3250-0050
65	2 1/2"	190	AGF3250-0065
80	3"	203	AGF3250-0080
100	4"	229	AGF3250-0100
125	5"	254	AGF3250-0125
150	6"	267	AGF3250-0150
200	8"	292	AGF3250-0200
250	10"	330	AGF3250-0250
300	12"	356	AGF3250-0300

AGF3340

BS 5163 Flanged Resilient NRS Gate Valve
With Bypass Outlet PN16



Body : EN-GJS-450-10
Wedge : EN-GJS-450-10+EPDM
Connection : Flange to BS EN 1092-2:1997
Stem : Stainless Steel

Maximum Working Pressure : PN16
Maximum Working Temperature : 0°C - 80°C

DN		L(mm)	Model
mm	inch		
450	18"	432	AGF3340-0450
500	20"	457	AGF3340-0500
600	24"	508	AGF3340-0600

AGF3441

BS 5163 Flanged Resilient OS&Y Gate Valve
PN16



Body : EN-GJS-450-10
Wedge : EN-GJS-450-10+EPDM
Connection : Flange to BS EN 1092-2:1997
Stem : Stainless Steel

Maximum Working Pressure : PN16
Maximum Working Temperature : 0°C - 80°C

DN		L(mm)	Kg	Model
mm	inch			
50	2"	178	10.5547	AGF3441-0050
65	2 1/2"	190	12.677	AGF3441-0065
80	3"	203	17.1931	AGF3441-0080
100	4"	229	22.9483	AGF3441-0100
125	5"	254	38.7847	AGF3441-0125
150	6"	267	45.4368	AGF3441-0150
200	8"	292	63.3869	AGF3441-0200
250	10"	330	126.395	AGF3441-0250
300	12"	356	176.4796	AGF3441-0300
350	14"	381	336.189	AGF3441-0350
400	16"	406	347.299	AGF3441-0400
450	18"	432	534.2064	AGF3441-0450
500	20"	457	570.0319	AGF3441-0500
600	24"	508	794.8156	AGF3441-0600

AGF3500 | AGF3540

BS 5163 TypeA Flanged Resilient NRS Gate Valve
PN10/PN16



Body : Ductile iron QT450-10
Disk : Ductile iron QT450-10+EPDM
Connection : BSEN1092-2 PN10/PN16
Stem : Stainless Steel A276 410

Maximum Working Pressure : PN10/PN16
Maximum Working Temperature : -20°C to 110°C (EPDM Seat)

DN		L(mm)	PN 10 Model	PN 16 Model
mm	inch			
50	2"	178	AGF3500-0050	AGF3540-0050
65	2 1/2"	190	AGF3500-0065	AGF3540-0065
80	3"	203	AGF3500-0080	AGF3540-0080
100	4"	229	AGF3500-0100	AGF3540-0100
125	5"	254	AGF3500-0125	AGF3540-0125
150	6"	267	AGF3500-0150	AGF3540-0150
200	8"	292	AGF3500-0200	AGF3540-0200
250	10"	330	AGF3500-0250	AGF3540-0250
300	12"	356	AGF3500-0300	AGF3540-0300
350	14"	381	AGF3500-0350	AGF3540-0350
400	16"	406	AGF3500-0400	AGF3540-0400
450	18"	432	AGF3500-0450	AGF3540-0450
500	20"	457	AGF3500-0500	AGF3540-0500
600	24"	508	AGF3500-0600	AGF3540-0600

Other Available Standards

Flange Connection : ASME Class 125/Class 150/AS2129 Table D/AS2129 Table E/JISB2239 10K/JISB2239 16K
Coating : Blue(RAL5015)/Black(RAL9005)/Grey(RAL7016)/Customization Accepted

AGF3601 | AGF3641

BS 5163 TypeA Flanged Resilient NRS Gate Valve
PN10/PN16



Body : Ductile iron QT450-10
Disk : Ductile iron QT450-10+EPDM
Connection : BSEN1092-2 PN10/PN16
Stem : Stainless Steel A276 410

Maximum Working Pressure : PN10/PN16
Maximum Working Temperature : -20°C to 110°C (EPDM Seat)

DN		L(mm)	PN 10 Model	PN 16 Model
mm	inch			
50	2"	178	AGF3601-0050	AGF3641-0050
65	2 1/2"	190	AGF3601-0065	AGF3641-0065
80	3"	203	AGF3601-0080	AGF3641-0080
100	4"	229	AGF3601-0100	AGF3641-0100
125	5"	254	AGF3601-0125	AGF3641-0125
150	6"	267	AGF3601-0150	AGF3641-0150
200	8"	292	AGF3601-0200	AGF3641-0200
250	10"	330	AGF3601-0250	AGF3641-0250
300	12"	356	AGF3601-0300	AGF3641-0300
350	14"	381	AGF3601-0350	AGF3641-0350
400	16"	406	AGF3601-0400	AGF3641-0400

Other Available Standards

Flange Connection : ASME Class 125/Class 150/AS2129 Table D/AS2129 Table E/JISB2239 10K/JISB2239 16K
Coating : Blue(RAL5015)/Black(RAL9005)/Grey(RAL7016)/Customization Accepted

AGT1240

Brass Gate Valve
PN16



Body : Brass HPb59-1
 Valve Disk : Brass HPb57-3
 Sealing Ring : PTFE
 Stem : Brass HPb57-3
 Connection Ends : ISO 228

Maximum Working Pressure : PN16

Maximum Working Temperature : -20°C - 120°C

DN		L(mm)	Kg	Model
mm	inch			
15	1/2"	43	0.24	AGT1240-0015
20	3/4"	47	0.3	AGT1240-0020
25	1"	50	0.405	AGT1240-0025
32	1 1/4"	54	0.63	AGT1240-0032
40	1 1/2"	56	0.75	AGT1240-0040
50	2"	64	1.15	AGT1240-0050

AGT2340

Bronze Gate Valve
PN16



Body : Bronze C83600
 Valve Disk : Bronze C83600
 Sealing Ring : PTFE
 Stem : Brass HPb59-1
 Connection Ends : BSP (*NPT on request)

Maximum Working Pressure : PN16

Maximum Working Temperature : -20°C - 120°C

DN		L(mm)	Model
mm	inch		
15	1/2"	46	AGT2340-0015
20	3/4"	51	AGT2340-0020
25	1"	56	AGT2340-0025
32	1 1/4"	61	AGT2340-0032
40	1 1/2"	62	AGT2340-0040
50	2"	71	AGT2340-0050
65	2 1/2"	86	AGT2340-0065
80	3"	93	AGT2340-0080

AGT5440

Stainless Steel Gate Valve PN16



Body : Stainless Steel SS304
 Valve Disk : Stainless Steel SS304
 Bonnet : Stainless Steel SS304
 Gasket : PTFE
 Stem : Brass HPb57-3
 Connection Ends : ISO 228

Maximum Working Pressure : PN16
 Maximum Working Temperature : -20°C - 180°C

DN		L(mm)	Model
mm	inch		
15	1/2"	45	AGT5440-0015
20	3/4"	48	AGT5440-0020
25	1"	54	AGT5440-0025
32	1 1/4"	58	AGT5440-0032
40	1 1/2"	62.5	AGT5440-0040
50	2"	67.5	AGT5440-0050
65	2 1/2"	83.5	AGT5440-0065
80	3"	91.5	AGT5440-0080
100	4"	104.5	AGT5440-0100

CHECK VALVE



CODIFICATION

A CV 4 2 4 4 - 0 0 5 0

- Akvalett
- CV-Flange Type Check Valve
- CT-Threaded Type Check Valve
- Body Material
 - 1-Brass
 - 2-Bronze
 - 3-DI
 - 4-CI
 - 5-SS
 - 6-Alu.Bronze
 - 7-Cast Alu
- 0-PN10
- 4-PN16
- 5-PN25
- Disk Material
 - 4-DI
 - 5-SS
 - 6-Alu.Bronze
 - 7-Carbon Steel
 - 8-Aluminium
- 00X0-Valve Size
- 0/1/2/3/4/5/6/7/8/9-Valve Code

ACV3244

BS EN 12334 Swing Check Valve
PN16



Body : EN-GJS-450-10
 Disk : EN-GJS-450-10+EPDM
 Seat : Bronze C83600
 Connection : Flange to BS EN 1092-2:1997

Maximum Working Pressure : PN16
 Maximum Working Temperature : Rubber Seal : 0°C - 80°C
 Metal Seal : -10°C - 200°C

DN		L(mm)	Kg	Model
mm	inch			
50	2"	203	11.8606	ACV3244-0050
65	2 1/2"	216	16.4861	ACV3244-0065
80	3"	241	19.3438	ACV3244-0080
100	4"	292	26.0968	ACV3244-0100
125	5"	330	35.53	ACV3244-0125
150	6"	356	48.2373	ACV3244-0150
200	8"	495	88.7236	ACV3244-0200
250	10"	622	131.868	ACV3244-0250
300	12"	698	184.3296	ACV3244-0300

ACV3344

DIN F6 Check Valve
PN16



Body : EN-GJS-450-10
 Disk : EN-GJS-450-10+EPDM
 Seat : Bronze ASTM B62
 : C83600/ZQSn5-5-5 (Pressed Fit)
 Connection : Flange to BS EN 1092-2:1997

Maximum Working Pressure : PN16
 Maximum Working Temperature : Rubber Seal : 0°C - 80°C
 Metal Seal : -10°C - 350°C

DN		L(mm)	Kg	Model
mm	inch			
50	2"	200	14.0164	ACV3344-0050
65	2 1/2"	240	3.8185	ACV3344-0065
80	3"	260	19.1975	ACV3344-0080
100	4"	300	27.852	ACV3344-0100
125	5"	350	40.2004	ACV3344-0125
150	6"	400	47.9796	ACV3344-0150
200	8"	500	69.6393	ACV3344-0200
250	10"	600	118.4061	ACV3344-0250
300	12"	700	171.661	ACV3344-0300

ACV4244

BS EN 12334 Swing Check Valve
With Weight & Lever PN16



Body : Cast Iron EN-GJL-200
 Disk : EN-GJS-450-10
 Disk Seat Ring : EPDM
 Connection : Flange to BS EN 1092-2:1997
 Maximum Working Pressure : PN16
 Maximum Working Temperature : 0°C - 100°C

DN		L(mm)	Model
mm	inch		
50	2"	203	ACV4244-0050
65	2 1/2"	213	ACV4244-0065
80	3"	241	ACV4244-0080
100	4"	292	ACV4244-0100
150	6"	356	ACV4244-0150
200	8"	495	ACV4244-0200
250	10"	622	ACV4244-0250
300	12"	698	ACV4244-0300
350	14"	787	ACV4244-0350
400	16"	914	ACV4244-0400

ACV3444

BS EN 12334 Swing Check Valve
With Weight & Lever PN16



Body : EN-GJS-450-10
 Disk : EN-GJS-450-10
 Connection : Flange to BS EN 1092-2:1997
 Maximum Working Pressure : PN16
 Maximum Working Temperature : 0°C - 80°C

DN		L(mm)	Kg	Model
mm	inch			
50	2"	230	15.45	ACV3444-0050
65	2 1/2"	236	19.05	ACV3444-0065
80	3"	276	25.873	ACV3444-0080
100	4"	298	68	ACV3444-0100
125	5"	303		ACV3444-0125
150	6"	364	125	ACV3444-0150
200	8"	470		ACV3444-0200
250	10"	470		ACV3444-0250
300	12"	580		ACV3444-0300
400	16"	740		ACV3444-0400
500	18"	900		ACV3444-0500

ACV3547

BS EN 12334 Rubber Disc Swing Check Valve



Body	: EN-GJS-450-10	Maximum Working Pressure	: PN16
Disk	: Carbon Steel + EPDM	Maximum Working Temperature	: 0°C - 80°C
Connection	: Flange to BS EN 1092-2:1997	≤ DN300: Plug	: Plug : Malleable Iron Galvanized
		≥ DN400: Cover	: Cover : EN-GJS-450-10

DN		L(mm)	Kg	Model
mm	inch			
50	2"	203	8.8476	ACV3547-0050
65	2 1/2"	216	11.1173	ACV3547-0065
80	3"	241	13.4491	ACV3547-0080
100	4"	292	19.748	ACV3547-0100
125	5"	330	28.3059	ACV3547-0125
150	6"	356	34.3467	ACV3547-0150
200	8"	495	70.3893	ACV3547-0200
250	10"	622	105.6414	ACV3547-0250
300	12"	698	147.9857	ACV3547-0300
350	14"	787		ACV3547-0350
400	16"	813		ACV3547-0400
450	18"	914		ACV3547-0450
500	20"	1016		ACV3547-0500
600	24"	1295		ACV3547-0600
700	28"	1448		ACV3547-0700
800	32"	1448		ACV3547-0800

ACV3648

Ball Check Valve



Body	: EN-GJS-450-10	Maximum Working Pressure	: PN16
Ball	: Aluminum ball +EPDM	Maximum Working Temperature	: 0°C - 80°C
Connection	: Flange to BS EN 1092-2:1997		

DN		L(mm)	Kg	Model
mm	inch			
50	2"	200	8.1593	ACV3648-0050
65	2 1/2"	240	11.7835	ACV3648-0065
80	3"	260	13.9775	ACV3648-0080
100	4"	300	22.6514	ACV3648-0100
125	5"	350	28.7783	ACV3648-0125
150	6"	400	41.0076	ACV3648-0150
200	8"	500	67.7222	ACV3648-0200
250	10"	600	113.2505	ACV3648-0250
300	12"	700	168.2807	ACV3648-0300

ACV3104

Double Door Wafer Check Valve PN10



Body : EN-GJS-450-10
 Disk : EN-GJS-450-10
 Connection : BS EN 1092 PN10
 Stem : SS420
 Spring : SS304
 Rubber Seat : EPDM
 Maximum Working Pressure : PN10
 Maximum Working Temperature : 0°C - 80°C

DN		L(mm)	Kg	Model
mm	inch			
40	1 1/2"	54		ACV3104-0040
50	2"	54	1.4556	ACV3104-0050
65	2 1/2"	54	2.1553	ACV3104-0065
80	3"	57		ACV3104-0080
100	4"	64		ACV3104-0100
125	5"	70		ACV3104-0125
150	6"	76		ACV3104-0150
200	8"	95	14.7199	ACV3104-0200
250	10"	108	24.9955	ACV3104-0250
300	12"	143	37.4958	ACV3104-0300
350	14"	184		ACV3104-0350
400	16"	192		ACV3104-0400
450	18"	203		ACV3104-0450

ACV3105

Double Door Wafer Check Valve PN10



Body : EN-GJS-450-10
 Disk : SS304 (*On request SS316)
 Connection : BS EN 1092 PN16
 Stem : SS420
 Spring : SS304
 Rubber Seat : EPDM
 Maximum Working Pressure : PN10
 Maximum Working Temperature : 0°C - 80°C

DN		L(mm)	Kg	Model
mm	inch			
40	1 1/2"	54		ACV3105-0040
50	2"	54	1.4556	ACV3105-0050
65	2 1/2"	54	2.1553	ACV3105-0065
80	3"	57		ACV3105-0080
100	4"	64		ACV3105-0100
125	5"	70		ACV3105-0125
150	6"	76		ACV3105-0150
200	8"	95	14.7199	ACV3105-0200
250	10"	108	24.9955	ACV3105-0250
300	12"	143	37.4958	ACV3105-0300
350	14"	184		ACV3105-0350
400	16"	192		ACV3105-0400
450	18"	203		ACV3105-0450

ACV3106

Double Door Wafer Check Valve PN10



Body : EN-GJS-450-10
 Disk : ASTM B148 C95400
 Connection : BS EN 1092 PN10
 Stem : SS420
 Spring : SS304
 Rubber Seat : EPDM
 Maximum Working Pressure : PN10
 Maximum Working Temperature : 0°C - 80°C

DN		L(mm)	Kg	Model
mm	inch			
40	1 1/2"	54		ACV3106-0040
50	2"	54	1.4556	ACV3106-0050
65	2 1/2"	54	2.1553	ACV3106-0065
80	3"	57		ACV3106-0080
100	4"	64		ACV3106-0100
125	5"	70		ACV3106-0125
150	6"	76		ACV3106-0150
200	8"	95	14.7199	ACV3106-0200
250	10"	108	24.9955	ACV3106-0250
300	12"	143	37.4958	ACV3106-0300
350	14"	184		ACV3106-0350
400	16"	192		ACV3106-0400
450	18"	203		ACV3106-0450

ACV3144

Double Door Wafer Check Valve PN16



Body : EN-GJS-450-10
 Disk : EN-GJS-450-10
 Connection : BS EN 1092 PN16
 Stem : SS420
 Spring : SS304
 Rubber Seat : EPDM
 Maximum Working Pressure : PN16
 Maximum Working Temperature : 0°C - 80°C

DN		L(mm)	Kg	Model
mm	inch			
40	1 1/2"	54		ACV3144-0040
50	2"	54	1.4556	ACV3144-0050
65	2 1/2"	54	2.1553	ACV3144-0065
80	3"	57	2.766	ACV3144-0080
100	4"	64	4.0696	ACV3144-0100
125	5"	70	6.2011	ACV3144-0125
150	6"	76	8.1528	ACV3144-0150
200	8"	95	14.7199	ACV3144-0200
250	10"	108	24.9955	ACV3144-0250
300	12"	143	37.4958	ACV3144-0300
350	14"	184	61.1145	ACV3144-0350
400	16"	192	79.7014	ACV3144-0400
450	18"	203	113.8905	ACV3144-0450

ACV3145

Double Door Wafer Check Valve PN16



Body : EN-GJS-450-10
 Disk : SS304 (*On request SS316)
 Connection : BS EN 1092 PN16
 Stem : SS420
 Spring : SS304
 Rubber Seat : EPDM
 Maximum Working Pressure : PN16
 Maximum Working Temperature : 0°C - 80°C

DN		L(mm)	Kg	Model
mm	inch			
40	1 1/2"	54		ACV3145-0040
50	2"	54	1.4556	ACV3145-0050
65	2 1/2"	54	2.1553	ACV3145-0065
80	3"	57	2.766	ACV3145-0080
100	4"	64	4.0696	ACV3145-0100
125	5"	70	6.2011	ACV3145-0125
150	6"	76	8.1528	ACV3145-0150
200	8"	95	14.7199	ACV3145-0200
250	10"	108	24.9955	ACV3145-0250
300	12"	143	37.4958	ACV3145-0300
350	14"	184	61.1145	ACV3145-0350
400	16"	192	79.7014	ACV3145-0400
450	18"	203	113.8905	ACV3145-0450

ACV3146

Double Door Wafer Check Valve PN16



Body : EN-GJS-450-10
 Disk : ASTM B148 C95400
 Connection : BS EN 1092 PN16
 Stem : SS420
 Spring : SS304
 Rubber Seat : EPDM
 Maximum Working Pressure : PN16
 Maximum Working Temperature : 0°C - 80°C

DN		L(mm)	Kg	Model
mm	inch			
40	1 1/2"	54		ACV3146-0040
50	2"	54	1.4556	ACV3146-0050
65	2 1/2"	54	2.1553	ACV3146-0065
80	3"	57	2.766	ACV3146-0080
100	4"	64	4.0696	ACV3146-0100
125	5"	70	6.2011	ACV3146-0125
150	6"	76	8.1528	ACV3146-0150
200	8"	95	14.7199	ACV3146-0200
250	10"	108	24.9955	ACV3146-0250
300	12"	143	37.4958	ACV3146-0300
350	14"	184	61.1145	ACV3146-0350
400	16"	192	79.7014	ACV3146-0400
450	18"	203	113.8905	ACV3146-0450

ACV3154

Double Door Wafer Check Valve PN25



Body : EN-GJS-450-10
 Disk : EN-GJS-450-10
 Connection : BS EN 1092 PN25
 Stem : SS420
 Spring : SS304
 Rubber Seat : EPDM
 Maximum Working Pressure : PN25
 Maximum Working Temperature : 0°C - 80°C

DN		L(mm)	Kg	Model
mm	inch			
40	1 1/2"	54		ACV3154-0040
50	2"	54	1.6117	ACV3154-0050
65	2 1/2"	54	2.2006	ACV3154-0065
80	3"	57	2.9456	ACV3154-0080
100	4"	64	4.509	ACV3154-0100
125	5"	70	6.2116	ACV3154-0125
150	6"	76	8.8876	ACV3154-0150
200	8"	95	15.9072	ACV3154-0200
250	10"	108	27.8101	ACV3154-0250
300	12"	143	42.3335	ACV3154-0300
350	14"	184	68.8986	ACV3154-0350
400	16"	192		ACV3154-0400
450	18"	203		ACV3154-0450

ACV3155

Double Door Wafer Check Valve PN25



Body : EN-GJS-450-10
 Disk : SS304 (*On request SS316)
 Connection : BS EN 1092 PN25
 Stem : SS420
 Spring : SS304
 Rubber Seat : EPDM
 Maximum Working Pressure : PN25
 Maximum Working Temperature : 0°C - 80°C

DN		L(mm)	Kg	Model
mm	inch			
40	1 1/2"	54		ACV3155-0040
50	2"	54	1.6117	ACV3155-0050
65	2 1/2"	54	2.2006	ACV3155-0065
80	3"	57	2.9456	ACV3155-0080
100	4"	64	4.509	ACV3155-0100
125	5"	70	6.2116	ACV3155-0125
150	6"	76	8.8876	ACV3155-0150
200	8"	95	15.9072	ACV3155-0200
250	10"	108	27.8101	ACV3155-0250
300	12"	143	42.3335	ACV3155-0300
350	14"	184	68.8986	ACV3155-0350
400	16"	192		ACV3155-0400
450	18"	203		ACV3155-0450

ACV3156

Double Door Wafer Check Valve PN25



Body : EN-GJS-450-10
 Disk : ASTM B148 C95400
 Connection : BS EN 1092 PN25
 Stem : SS420
 Spring : SS304
 Rubber Seat : EPDM
 Maximum Working Pressure : PN25
 Maximum Working Temperature : 0°C - 80°C

DN		L(mm)	Kg	Model
mm	inch			
40	1 1/2"	54		ACV3156-0040
50	2"	54	1.6117	ACV3156-0050
65	2 1/2"	54	2.2006	ACV3156-0065
80	3"	57	2.9456	ACV3156-0080
100	4"	64	4.509	ACV3156-0100
125	5"	70	6.2116	ACV3156-0125
150	6"	76	8.8876	ACV3156-0150
200	8"	95	15.9072	ACV3156-0200
250	10"	108	27.8101	ACV3156-0250
300	12"	143	42.3335	ACV3156-0300
350	14"	184	68.8986	ACV3156-0350
400	16"	192		ACV3156-0400
450	18"	203		ACV3156-0450

ANV3104 | ANV3144

Double Door Wafer Check Valve PN10 / PN16



Body : Ductile iron A536 Gr.65-45-12
 Disk : Ductile iron A536 Gr.65-45-13
 Connection : BS EN 1092-2 PN10/PN16
 Shaft : Stainless steel A276 410
 Spring : Stainless steel A276 304
 Gasket : PTFE
 Seat : EPDM
 Maximum Working Pressure : PN10/PN16
 Maximum Working Temperature : -20°C - 110°C (EPDM Seat)
 : -10°C - 80°C (NBR Seat)

DN		L(mm)	PN 10 Model	PN 16 Model
mm	inch			
40	1 1/2"	43	ANV3104-0040	ANV3144-0040
50	2"	46	ANV3104-0050	ANV3144-0050
65	2 1/2"	64	ANV3104-0065	ANV3144-0065
80	3"	64	ANV3104-0080	ANV3144-0080
100	4"	70	ANV3104-0100	ANV3144-0100
125	5"	76	ANV3104-0125	ANV3144-0125
150	6"	89	ANV3104-0150	ANV3144-0150
200	8"	114	ANV3104-0200	ANV3144-0200
250	10"	114	ANV3104-0250	ANV3144-0250
300	12"	127	ANV3104-0300	ANV3144-0300
350	14"	140	ANV3104-0350	ANV3144-0350
400	16"	152	ANV3104-0400	ANV3144-0400
450	18"	152	ANV3104-0450	ANV3144-0450
500	20"	152	ANV3104-0500	ANV3144-0500
600	24"	178	ANV3104-0600	ANV3144-0600

Other Available Standards

Flange Connection : ASME Class 125/Class 150/AS2129 Table D/AS2129 Table E/JISB2239 10K/JISB2239 16K
 Coating : Blue(RAL5015)/Black(RAL9005)/Grey(RAL7016)/Customization Accepted

ANV3105 | ANV3145

Double Door Wafer Check Valve
PN10 / PN16



Body : Ductile iron A536 Gr.65-45-12
 Disk : Stainless steel A351 CF8
 Connection : BS EN 1092-2 PN10/PN16
 Shaft : Stainless steel A276 410
 Spring : Stainless steel A276 304
 Gasket : PTFE
 Seat : EPDM
 Maximum Working Pressure : PN10 / PN16
 Maximum Working Temperature : -20oc - 110oc (EPDM Seat)
 : -10oc - 80oc (NBR Seat)

DN		L(mm)	PN 10 Model	PN 16 Model
mm	inch			
40	1 1/2"	43	ANV3105-0040	ANV3145-0040
50	2"	46	ANV3105-0050	ANV3145-0050
65	2 1/2"	64	ANV3105-0065	ANV3145-0065
80	3"	64	ANV3105-0080	ANV3145-0080
100	4"	70	ANV3105-0100	ANV3145-0100
125	5"	76	ANV3105-0125	ANV3145-0125
150	6"	89	ANV3105-0150	ANV3145-0150
200	8"	114	ANV3105-0200	ANV3145-0200
250	10"	114	ANV3105-0250	ANV3145-0250
300	12"	127	ANV3105-0300	ANV3145-0300
350	14"	140	ANV3105-0350	ANV3145-0350
400	16"	152	ANV3105-0400	ANV3145-0400
450	18"	152	ANV3105-0450	ANV3145-0450
500	20"	152	ANV3105-0500	ANV3145-0500
600	24"	178	ANV3105-0600	ANV3145-0600

Other Available Standards

Flange Connection : ASME Class 125/Class 150/AS2129 Table D/AS2129 Table E/JISB2239 10K/JISB2239 16K
 Coating : Blue(RAL5015)/Black(RAL9005)/Grey(RAL7016)/Customization Accepted

ACV3205

Single Door Wafer Check Valve
PN10



Body : EN-GJS-450-10
 Disk : SS304 (*On request SS316)
 Connection : BS EN 1092 PN10
 Stem : SS420
 Spring : SS304
 Maximum Working Pressure : PN10
 Maximum Working Temperature : 0°C - 80°C

DN		L(mm)	Kg	Model
mm	inch			
50	2"	44.5	1.4174	ACV3205-0050
65	2 1/2"	48	1.9748	ACV3205-0065
80	3"	51	2.8704	ACV3205-0080
100	4"	57	3.9987	ACV3205-0100
125	5"	63.5	5.8373	ACV3205-0125
150	6"	70	8.0825	ACV3205-0150
200	8"	73	12.2531	ACV3205-0200
250	10"	79	20.0476	ACV3205-0250
300	12"	86		ACV3205-0300

ACV3245

Single Door Wafer Check Valve
PN16



Body : EN-GJS-450-10
 Disk : SS304 (*On request SS316)
 Connection : BS EN 1092 PN16
 Stem : SS420
 Spring : SS304
 Rubber Seat : EPDM
 Maximum Working Pressure : PN16
 Maximum Working Temperature : 0°C - 80°C

DN		L(mm)	Kg	Model
mm	inch			
50	2"	44.5	1.4174	ACV3245-0050
65	2 1/2"	48	1.9748	ACV3245-0065
80	3"	51	2.8704	ACV3245-0080
100	4"	57	3.9987	ACV3245-0100
125	5"	63.5	5.8373	ACV3245-0125
150	6"	70	8.0825	ACV3245-0150
200	8"	73	12.2531	ACV3245-0200
250	10"	79	20.0476	ACV3245-0250
300	12"	86	27.8973	ACV3245-0300

ACV3206

Single Door Wafer Check Valve
PN10



Body : EN-GJS-450-10
 Disk : AL-Bronze UNC 95400
 Connection : BS EN 1092 PN10
 Stem : SS420
 Spring : SS304
 Maximum Working Pressure : PN10
 Maximum Working Temperature : 0°C - 80°C

DN		L(mm)	Kg	Model
mm	inch			
50	2"	44.5	1.4174	ACV3206-0050
65	2 1/2"	48	1.9748	ACV3206-0065
80	3"	51	2.8704	ACV3206-0080
100	4"	57	3.9987	ACV3206-0100
125	5"	63.5	5.8373	ACV3206-0125
150	6"	70	8.0825	ACV3206-0150
200	8"	73	12.2531	ACV3206-0200
250	10"	79	20.0476	ACV3206-0250
300	12"	86		ACV3206-0300

ACV3246

Single Door Wafer Check Valve PN16



Body : EN-GJS-450-10
 Disk : AL-Bronze UNC 95400
 Connection : BS EN 1092 PN16
 Stem : SS420
 Spring : SS304
 Rubber Seat : EPDM
 Maximum Working Pressure : PN16
 Maximum Working Temperature : 0°C - 80°C

DN		L(mm)	Kg	Model
mm	inch			
50	2"	44.5	1.4174	ACV3246-0050
65	2 1/2"	48	1.9748	ACV3246-0065
80	3"	51	2.8704	ACV3246-0080
100	4"	57	3.9987	ACV3246-0100
125	5"	63.5	5.8373	ACV3246-0125
150	6"	70	8.0825	ACV3246-0150
200	8"	73	12.2531	ACV3246-0200
250	10"	79	20.0476	ACV3246-0250
300	12"	86		ACV3246-0300

ACV3704

Silent Check Valve PN10



Body : EN-GJS-450-10
 Disk : EN-GJS-450-10
 Connection : Flange to BS EN 1092-2:1997
 Stem : SS420
 Spring : SS304
 Maximum Working Pressure : PN10
 Maximum Working Temperature : 0°C - 80°C

DN		L(mm)	Kg	Model
mm	inch			
50	2"	120	6.2263	ACV3704-0050
65	2 1/2"	135	8.1468	ACV3704-0065
80	3"	155	9.9335	ACV3704-0080
100	4"	165	12.6738	ACV3704-0100
125	5"	190	17.3756	ACV3704-0125
150	6"	210	23.2892	ACV3704-0150
200	8"	260	36.2412	ACV3704-0200
250	10"	285	51.7058	ACV3704-0250
300	12"	315	77.5337	ACV3704-0300

ACV3744

Silent Check Valve
PN16



Body : EN-GJS-450-10
 Disk : EN-GJS-450-10
 Connection : Flange to BS EN 1092-2:1997
 Stem : SS420
 Spring : SS304

Maximum Working Pressure : PN16
 Maximum Working Temperature : 0°C - 80°C

DN		L(mm)	Kg	Model
mm	inch			
50	2"	120	6.2263	ACV3744-0050
65	2 1/2"	135	8.1468	ACV3744-0065
80	3"	155	9.9335	ACV3744-0080
100	4"	165	12.6738	ACV3744-0100
125	5"	190	17.3756	ACV3744-0125
150	6"	210	23.2892	ACV3744-0150
200	8"	260	36.2412	ACV3744-0200
250	10"	285	51.7058	ACV3744-0250
300	12"	315	77.5337	ACV3744-0300

ACV3754

Silent Check Valve
PN25



Body : EN-GJS-450-10
 Disk : EN-GJS-450-10
 Connection : Flange to BS EN 1092-2:1997
 Stem : SS420
 Spring : SS304

Maximum Working Pressure : PN25
 Maximum Working Temperature : 0°C - 80°C

DN		L(mm)	Kg	Model
mm	inch			
50	2"	120	6.8566	ACV3754-0050
65	2 1/2"	135	8.1468	ACV3754-0065
80	3"	155	10.6469	ACV3754-0080
100	4"	165	16.104	ACV3754-0100
125	5"	190		ACV3754-0125
150	6"	210	31.1163	ACV3754-0150
200	8"	260	36.2412	ACV3754-0200
250	10"	285	69.8249	ACV3754-0250
300	12"	315	100.6003	ACV3754-0300

ACV3805

Axial Flow Check Valves PN10



Body : EN-GJS-450-10
 Disk : SS304+EPDM
 Connection : Flange to BS EN 1092-2:1997
 Spring : SS304

Maximum Working Pressure : PN10
 Maximum Working Temperature : 0°C - 80°C

DN		L(mm)	Kg	Model
mm	inch			
50	2"	120	6.4526	ACV3805-0050
65	2 1/2"	135	8.5058	ACV3805-0065
80	3"	155	11.1256	ACV3805-0080
100	4"	165	16.879	ACV3805-0100
125	5"	190	26.0544	ACV3805-0125
150	6"	210	36.8651	ACV3805-0150
200	8"	260	68.993	ACV3805-0200
250	10"	285	93.1982	ACV3805-0250
300	12"	315		ACV3805-0300

ACV3845

Axial Flow Check Valves PN16



Body : EN-GJS-450-10
 Disk : SS304+EPDM
 Connection : Flange to BS EN 1092-2:1997
 Spring : SS304

Maximum Working Pressure : PN16
 Maximum Working Temperature : 0°C - 80°C

DN		L(mm)	Kg	Model
mm	inch			
50	2"	120	6.4526	ACV3845-0050
65	2 1/2"	135	8.5058	ACV3845-0065
80	3"	155	11.1256	ACV3845-0080
100	4"	165	16.879	ACV3845-0100
125	5"	190	26.0544	ACV3845-0125
150	6"	210	36.8651	ACV3845-0150
200	8"	260	68.993	ACV3845-0200
250	10"	285	93.1982	ACV3845-0250
300	12"	315		ACV3845-0300

ACV3906

Axial Flow Check Valve
PN10



Body : EN-GJS-450-10
 Disk : Bronze C61400
 Connection : Flange to BS EN 1092-2:1997
 Spring : SS304

Maximum Working Pressure : PN10
 Maximum Working Temperature : 0°C - 80°C

DN		L(mm)	Kg	Model
mm	inch			
300	12"	500	B300	ACV3906-0300
350	14"	600	B350	ACV3906-0350
400	16"	675	B400	ACV3906-0400
450	18"	750		ACV3906-0450
500	20"	850		ACV3906-0500
600	24"	1000		ACV3906-0600
700	28"	1150		ACV3906-0700
800	32"	1300		ACV3906-0800
900	36"	1450		ACV3906-0900

ACV3004

Slow Closure Butterfly Check Valve
PN10



Body : EN-GJS-450-10
 Disk : EN-GJS-450-10
 Connection : Flange to BS EN 1092-2:1997
 Spring : SS402

Maximum Working Pressure : PN10
 Maximum Working Temperature : 0°C - 80°C

DN		L(mm)	Kg	Model
mm	inch			
400	16"	310	327.4951	ACV3004-0400
500	20"	350	418.5445	ACV3004-0500
600	24"	390	586.7784	ACV3004-0600
800	32"	470	951.7316	ACV3004-0800
900	36"	510	1227.4609	ACV3004-0900
1000	40"	550		ACV3004-1000
1200	48"	630		ACV3004-1200
1600	52"	790		ACV3004-1600

ACT1141

Brass Check Valve
PN16



Body : Bronze C83600
 Bonnet : Bronze C83601
 Pin : HPb57-3
 Seal Ring : PTFE
 Clapper : Bronze C83601
 Connection Ends : BSP (*NPT on request)
 Maximum Working Pressure : PN16
 Maximum Working Temperature : -20°C - 120°C

DN		L(mm)	Kg	Model
mm	inch			
15	1/2"	47	0.155	ACT1141-0015
20	3/4"	57.5	0.255	ACT1141-0020
25	1"	62	0.355	ACT1141-0025
32	1 1/4"	71	0.55	ACT1141-0032
40	1 1/2"	82	0.75	ACT1141-0040
50	2"	95	1.15	ACT1141-0050

ACT2262

Bronze Check Valve
PN20



Body : Bronze C83600
 Bonnet : Bronze C83601
 Pin : HPb57-3
 Seal Ring : PTFE
 Clapper : Bronze C83601
 Connection Ends : BSP (*NPT on request)
 Maximum Working Pressure : PN20
 Maximum Working Temperature : -20°C - 120°C

DN		L(mm)	Kg	Model
mm	inch			
15	1/2"	44	0.155	ACT2260-0015
20	3/4"	55	0.255	ACT2260-0020
25	1"	63	0.355	ACT2260-0025
32	1 1/4"	79	0.55	ACT2260-0032
40	1 1/2"	90	0.75	ACT2260-0040
50	2"	104	1.15	ACT2260-0050

ACT5345

Stainless Steel Check Valve
PN16



Body : Stainless Steel SS304
 Screen : Stainless Steel SS304
 Connection Ends : ISO 228
 Maximum Working Pressure : PN16
 Maximum Working Temperature : -20°C - 180°C

DN		L(mm)	Model
mm	inch		
11	1/4"	56	ACT5345-0011
12	3/8"	56	ACT5345-0012
15	1/2"	63	ACT5345-0015
20	3/4"	78	ACT5345-0020
25	1"	86	ACT5345-0025
32	1 1/4"	100	ACT5345-0032
40	1 1/2"	110	ACT5345-0040
50	2"	130	ACT5345-0050



Y - STRAINER



CODIFICATION

A	S	3	1	4	5	-	0	0	1	5
Akvalett	Strainer	Body Material 1-Brass 2-Bronze 3-DI 4-CI 5-SS 6-Alu.Bronze 7-Cast Alu		Pressure Class 0-PN10 4-PN16 5-PN25	Disk Material 4-DI 5-SS 6-Alu.Bronze		00X0-Valve Size			
			1/2/3/4/6/7/8/9-Valve Code							


AS3105


Flanged Y-Type Strainer PN10



Body : EN-GJS-450-10
 Screen : SS304 (Perforated)
 Connection : Flange to BS EN 1092-2:1997
 Gasket : Graphite+Acanthopore Plate
 Bonnet : EN-GJS-450-10
 Plug : Malleable Iron Galvanized
 Bolt : Carbon Steel Zinc Plated
 Flat Washer : Carbon Steel Zinc Plated

Maximum Working Pressure : PN10
 Maximum Working Temperature : -10°C - 200°C Graphite Gasket
 0°C - 100°C Rubber Gasket

DN		 L(mm)	Kg	Model
mm	inch			
15	1/2"	130±2	1.7914	AS3105-0015
20	3/4"	150±3	2.5872	AS3105-0020
25	1"	160±4	2.9465	AS3105-0025
32	1 1/4"	180±5	4.7037	AS3105-0032
40	1 1/2"	200	7.6867	AS3105-0040
50	2"	230	8.2476	AS3105-0050
65	2 1/2"	290	11.657	AS3105-0065
80	3"	310	13.4375	AS3105-0080
100	4"	350	17.1755	AS3105-0100
125	5"	400	28.0895	AS3105-0125
150	6"	480	34.6817	AS3105-0150
200	8"	600	62.4148	AS3105-0200
250	10"	730	96.1351	AS3105-0250
300	12"	850	156.5783	AS3105-0300
350	14"	838	207.0304	AS3105-0350
400	16"	864	278.644	AS3105-0400
450	18"	1200	432.9807	AS3105-0450
500	20"	1250	533.7788	AS3105-0500
600	24"	1450	835.5354	AS3105-0600

Short Style				
DN		 L(mm)	Kg	Model
mm	inch			
450	18"	850	315.7784	AS3205-0450
500	20"	1000	425.9855	AS3205-0500
600	24"	1100	639.3963	AS3205-0600

AS3145

Flanged Y-Type Strainer PN16



Body : EN-GJS-450-10
 Screen : SS304 (Perforated)
 Connection : Flange to BS EN 1092-2:1997
 Gasket : Graphite+Acanthopore Plate
 Bonnet : EN-GJS-450-10
 Plug : Malleable Iron Galvanized
 Bolt : Carbon Steel Zinc Plated
 Flat Washer : Carbon Steel Zinc Plated

Maximum Working Pressure : PN16
 Maximum Working Temperature : -10°C - 200°C Graphite Gasket
 0°C - 100°C Rubber Gasket

DN		L(mm)	Kg	Model
mm	inch			
15	1/2"	130±2	1.7914	AS3145-0015
20	3/4"	150±3	2.5872	AS3145-0020
25	1"	160±4	2.9465	AS3145-0025
32	1 1/4"	180±5	4.7037	AS3145-0032
40	1 1/2"	200	7.6867	AS3145-0040
50	2"	230	8.2476	AS3145-0050
65	2 1/2"	290	11.657	AS3145-0065
80	3"	310	13.4375	AS3145-0080
100	4"	350	17.1755	AS3145-0100
125	5"	400	28.0895	AS3145-0125
150	6"	480	34.6817	AS3145-0150
200	8"	600	62.4148	AS3145-0200
250	10"	730	96.1351	AS3145-0250
300	12"	850	156.5783	AS3145-0300
350	14"	838	207.0304	AS3145-0350
400	16"	864	278.644	AS3145-0400
450	18"	1200	432.9807	AS3145-0450
500	20"	1250	533.7788	AS3145-0500
600	24"	1450	835.5354	AS3145-0600

Short Style				
DN		L(mm)	Kg	Model
mm	inch			
450	18"	850	315.7784	AS3245-0450
500	20"	1000	425.9855	AS3245-0500
600	24"	1100	639.3963	AS3245-0600

AS3155

Flanged Y-Type Strainer PN25



Body : EN-GJS-450-10
 Screen : SS304 (Perforated)
 Connection : Flange to BS EN 1092-2:1997
 Gasket : Graphite+Acanthopore Plate
 Bonnet : EN-GJS-450-10
 Plug : Malleable Iron Galvanized
 Bolt : Carbon Steel Zinc Plated
 Flat Washer : Carbon Steel Zinc Plated

Maximum Working Pressure : PN25
 Maximum Working Temperature : -10°C - 200°C Graphite Gasket
 0°C - 100°C Rubber Gasket

DN		L(mm)	Kg	Model
mm	inch			
15	1/2"	130±2	1.7868	AS3155-0015
20	3/4"	150±3	2.5872	AS3155-0020
25	1"	160±4	2.9465	AS3155-0025
32	1 1/4"	180±5	4.7037	AS3155-0032
40	1 1/2"	200	7.6867	AS3155-0040
50	2"	230	8.2476	AS3155-0050
65	2 1/2"	290	11.657	AS3155-0065
80	3"	310	15.0079	AS3155-0080
100	4"	350		AS3155-0100
125	5"	400		AS3155-0125
150	6"	480	49.177	AS3155-0150
200	8"	600	87.8599	AS3155-0200
250	10"	730	130.344	AS3155-0250
300	12"	850	197.7218	AS3155-0300
350	14"	838	272.241	AS3155-0350
400	16"	864		AS3155-0400
450	18"	1200		AS3155-0450
500	20"	1250		AS3155-0500
600	24"	1450		AS3155-0600


Short Style				
DN		L(mm)	Kg	Model
mm	inch			
450	18"	850	315.7784	AS3255-0450
500	20"	1000	425.9855	AS3255-0500
600	24"	1100	639.3963	AS3255-0600

AS3505 | AS3545

Flanged Y-Type Strainer
PN10 / PN16



Body : Ductile iron EN-JS 1050
 Screen : Stainless Steel 304
 Connection : Flange to BSEN1092-2 PN10/PN16
 O Ring : EPDM
 Bonnet : Ductile iron EN-JS 1050
 Drain Plug : Stainless Steel 201
 Nut & Bolt : Steel
 Maximum Working Pressure : PN10/PN16

DN		 L(mm)	Kg	Model PN10	Model PN16
mm	inch				
50	2"	230	8.2476	AS3505-0050	AS3545-0050
65	2 1/2"	290	11.657	AS3505-0065	AS3545-0065
80	3"	310	13.4375	AS3505-0080	AS3545-0080
100	4"	350	17.1755	AS3505-0100	AS3545-0100
125	5"	400	28.0895	AS3505-0125	AS3545-0125
150	6"	480	34.6817	AS3505-0150	AS3545-0150
200	8"	600	62.4148	AS3505-0200	AS3545-0200
250	10"	730	96.1351	AS3505-0250	AS3545-0250
300	12"	850	156.5783	AS3505-0300	AS3545-0300
350	14"	980	207.0304	AS3505-0350	AS3545-0350
400	16"	1100	278.644	AS3505-0400	AS3545-0400
450	18"	1200	432.9807	AS3505-0450	AS3545-0450
500	20"	1250	533.7788	AS3505-0500	AS3545-0500
600	24"	1450	835.5354	AS3505-0600	AS3545-0600

Other Available Standards

Flange Connection ASME Class 125/Class 150/AS2129 Table D/AS2129 Table E/JISB2239 10K/JISB2239 16K

Coating Blue(RAL5015)/Black(RAL9005)/Grey(RAL7016)/Customization Accepted

AS3305

Telescopic Y-Type Strainer
PN10



Body : EN-GJS-450-10
 Screen : SS304 (Perforated)
 Connection : Flange to BS EN 1092-2:1997
 Gasket : NBR
 Bonnet : EN-GJS-450-10
 Plug : Carbon Steel Zinc Plated
 Bolt : Carbon Steel Zinc Plated
 Maximum Working Pressure : PN10
 Maximum Working Temperature : 0°C - 100°C

DN		L(mm)	Kg	Model
mm	inch			
50	2"	225		AS3305-0050
65	2 1/2"	260		AS3305-0065
80	3"	300	16	AS3305-0080
100	4"	340	26	AS3305-0100
125	5"	384		AS3305-0125
150	6"	450	45	AS3305-0150
200	8"	550	75	AS3305-0200

AS3345

Telescopic Y-Type Strainer
PN16



Body : EN-GJS-450-10
 Screen : SS304 (Perforated)
 Connection : Flange to BS EN 1092-2:1997
 Gasket : NBR
 Bonnet : EN-GJS-450-10
 Plug : Carbon Steel Zinc Plated
 Bolt : Carbon Steel Zinc Plated
 Maximum Working Pressure : PN16
 Maximum Working Temperature : 0°C - 100°C

DN		L(mm)	Kg	Model
mm	inch			
50	2"	225		AS3345-0050
65	2 1/2"	260		AS3345-0065
80	3"	300	16	AS3345-0080
100	4"	340	26	AS3345-0100
125	5"	384		AS3345-0125
150	6"	450	45	AS3345-0150
200	8"	550	75	AS3345-0200

AS3405

Telescopic Cross Type Strainer
PN10



Body : EN-GJS-450-10
 Screen : SS304 (Perforated)
 Connection : Flange to BS EN 1092-2:1997
 Gasket : NBR
 Bonnet : EN-GJS-450-10
 O-Ring : NBR
 Plug : Malleable Iron Galvanized
 Bolt : Carbon Steel Zinc Plated
 Maximum Working Pressure : PN10
 Maximum Working Temperature : 0°C - 100°C

DN		L(mm)	Model
mm	inch		
50	2"	150	AS3405-0050
65	2 1/2"	175	AS3405-0065
80	3"	200	AS3405-0080
100	4"	220	AS3405-0100
125	5"	260	AS3405-0125
150	6"	300	AS3405-0150
200	8"	370	AS3405-0200

AS3445

Telescopic Cross Type Strainer PN16



Body : EN-GJS-450-10
 Screen : SS304 (Perforated)
 Connection : Flange to BS EN 1092-2:1997
 Gasket : NBR
 Bonnet : EN-GJS-450-10
 O-Ring : NBR
 Plug : Malleable Iron Galvanized
 Bolt : Carbon Steel Zinc Plated
 Maximum Working Pressure : PN16
 Maximum Working Temperature : 0°C - 100°C

DN		L(mm)	Model
mm	inch		
50	2"	150	AS3445-0050
65	2 1/2"	175	AS3445-0065
80	3"	200	AS3445-0080
100	4"	220	AS3445-0100
125	5"	260	AS3445-0125
150	6"	300	AS3445-0150
200	8"	370	AS3445-0200

AST1145

Brass Y-type Strainer PN16



Body : Brass HPb57-3
 Screen : SS304
 Sealing Ring : PTFE
 Cover : Brass HPb57-3
 Connection Ends : ISO 228
 Maximum Working Pressure : PN16
 Maximum Working Temperature : -20°C - 120°C

DN		L(mm)	Kg	Model
mm	inch			
15	1/2"	56	0.13	AST1145-0015
20	3/4"	69	0.22	AST1145-0020
25	1"	76	0.31	AST1145-0025
32	1 1/4"	94	0.55	AST1145-0032
40	1 1/2"	102	0.79	AST1145-0040
50	2"	120	1.15	AST1145-0050

AST2245

Bronze Y-type Strainer PN16



Body : Bronze C83600
 Screen : SS304
 Bonnet : Bronze C83600
 Gasket : PTFE
 Connection Ends : BSP (*NPT on request)
 Maximum Working Pressure : PN16
 Maximum Working Temperature : -20°C - 120°C

DN		L(mm)	Kg	Model
mm	inch			
15	1/2"	65	0.13	AST2245-0015
20	3/4"	71.5	0.22	AST2245-0020
25	1"	85	0.31	AST2245-0025
32	1 1/4"	97	0.55	AST2245-0032
40	1 1/2"	108	0.79	AST2245-0040
50	2"	127.5	1.15	AST2245-0050

AST5345

Stainless Steel Y-type Strainer PN16




Body : Stainless Steel SS304

Screen : Stainless Steel SS304

Connection Ends : ISO 228

Maximum Working Pressure : PN16

Maximum Working Temperature : -20°C - 120°C

DN		 L(mm)	Model
mm	inch		
15	1/2"	61	AST5345-0015
20	3/4"	73	AST5345-0020
25	1"	87	AST5345-0025
32	1 1/4"	99	AST5345-0032
40	1 1/2"	137	AST5345-0040
50	2"	166	AST5345-0050
65	2 1/2"	197	AST5345-0065
80	3"	205	AST5345-0080
100	4"	240	AST5345-0100



AIR RELEASE VALVE



CODIFICATION

A AV 3 1 0 5 - 0 0 5 0

Akvalett

AV-Flange Type
Air Release Valve

AT-Threaded Type
Air Release Valve

Body
Material

- 1-Brass
- 2-Bronze
- 3-DI
- 4-CI
- 5-SS
- 6-Alu.Bronze
- 7-Cast Alu

Pressure Class

- 0-PN10
- 4-PN16
- 5-PN25

Ball/Seat Material

- 1-Brass
- 4-DI
- 5-SS
- 6-Alu.Bronze
- 7-Carbon Steel
- 8-Aluminium
- 9-ABS

00X0-Valve Size

0/1/2/3/4/5/6/7/8/9-Valve Code

AAV3105

Compound High Speed Air Bleeding Valve PN10



Body : EN-GJS-450-10
 Floating Ball : SS304
 Nut : SS304
 O-Ring : NBR
 Bonnet : EN-GJS-450-10
 Floating Ball Cap : EN-GJS-450-10
 Lift Cover : SS304
 Stem : SS304

Maximum Working Pressure : PN10
 Maximum Working Temperature : Rubber Seal : 0°C - 55°C

DN		L(mm)	Kg	Model
mm	inch			
50	2"	165	15.6615	AAV3105-0050
65	2 1/2"	185	16.8734	AAV3105-0065
80	3"	200	21.8642	AAV3105-0080
100	4"	220	32.4811	AAV3105-0100
150	6"	285	55.6062	AAV3105-0150
200	8"	340	83.9649	AAV3105-0200

AAV3145

Compound High Speed Air Bleeding Valve PN16



Body : EN-GJS-450-10
 Floating Ball : SS304
 Nut : SS304
 O-Ring : NBR
 Bonnet : EN-GJS-450-10
 Floating Ball Cap : EN-GJS-450-10
 Lift Cover : SS304
 Stem : SS304

Maximum Working Pressure : PN16
 Maximum Working Temperature : Rubber Seal : 0°C - 55°C

DN		L(mm)	Kg	Model
mm	inch			
50	2"	165	15.6615	AAV3145-0050
65	2 1/2"	185	16.8734	AAV3145-0065
80	3"	200	21.8642	AAV3145-0080
100	4"	220	30.5363	AAV3145-0100
150	6"	285	55.6062	AAV3145-0150
200	8"	340	83.9649	AAV3145-0200

AAV3249

Flanged Orifice Air Valve PN16



Body	: Ductile Iron EN-JS1050	Maximum Working Pressure	: PN16
Floating Ball	: ABS ISO2580	Maximum Working Temperature	: Rubber Seal : -10°C - 100°C
Ball Seal Orifice	: EPDM		
Screw Plug	: Brass		
Orifice Cover	: Ductile Iron EN-JS1050		
Air Release Nipple	: Brass		

DN		 L(mm)	Model
mm	inch		
25	1"	147	AAV3249-0025
40	1 1/2"	224	AAV3249-0040
50	2"	273	AAV3249-0050
65	2 1/2"	273	AAV3249-0065
80	3"	283	AAV3249-0080
100	4"	302	AAV3249-0100
125	5"	353	AAV3249-0125
150	6"	353	AAV3249-0150
200	8"	433	AAV3249-0200
250	10"	491	AAV3249-0250

AAV3249

Flanged Double Orifice Air Valve PN16



Body	: Ductile Iron EN-JS1050	Maximum Working Pressure	: PN16
Floating Ball	: ABS ISO2580	Maximum Working Temperature	: Rubber Seal : -10°C - 100°C
Ball Seal Orifice	: EPDM		
Screw Plug	: Brass		
Orifice Cover	: Ductile Iron EN-JS1050		
Air Release Nipple	: Brass		

DN		 L(mm)	Model
mm	inch		
50	2"	165	AAV3249-0050
80	3"	200	AAV3249-0080
100	4"	220	AAV3249-0100
150	6"	285	AAV3249-0150
200	8"	340	AAV3249-0200
250	10"	405	AAV3249-0250
300	12"	460	AAV3249-0300

AAT3205

Micro Air Bleeding Valve
PN10



Body : EN-GJS-450-10
 Ball : SS304
 Nut : SS304
 Valve Needle : SS304
 Bonnet : EN-GJS-450-10
 O-Ring : NBR
 Hex Bolt : Carbon Steel Zinc Plated
 Connection Ends : ISO 7-1

Maximum Working Pressure : PN10
 Maximum Working Temperature : Rubber Seal : 0°C - 55°C

DN		Model
mm	inch	
20	3/4"	AAT3205-0020
25	1"	AAT3205-0025

AAT1141

Brass Air Bleeding Valve
PN16



Body : Hpb57-3
 Spring : 304
 Filter Screen : 304
 Sealing Seat : EPDM
 Gasket : EPDM
 O-Ring : EPDM
 Connection Ends : ISO 228

Maximum Working Pressure : PN16
 Maximum Working Temperature : Rubber Seal : -20°C - 10°C

DN		L(mm)	Kg	Model
mm	inch			
15	1/2"	15	0.15	AAT1141-0015
20	3/4"	20	0.16	AAT1141-0020
25	1"	25	0.23	AAT1141-0025
32	1 1/4"	32	0.305	AAT1141-0032



GLOBE VALVE



CODIFICATION

A GV 4 1 4 4 - 0 0 5 0

A	GV	4	1	4	4	-	0	0	5	0
Akvalett	GV-Flange Type Globe Valve	GT-Threaded Type Globe Valve	Body Material	1-Brass 2-Bronze 3-DI 4-CI 5-SS 6-Alu.Bronze 7-Cast Alu	Pressure Class	0-PN10 4-PN16 5-PN25	Disk/Stem Material	1-Brass 4-DI 5-SS 6-Alu.Bronze	00X0-Valve Size	00X0-Valve Size
										1/2/3/4//6/7/8/9-Valve Code

AGV3143

Flanged Metal Seated Globe Valve PN16



Valve body	: EN-GJS-450-10	Maximum Working Pressure	: PN16
Bonnet	: EN-GJS-450-10	Maximum Working Temperature	: -10°C - 150°C
Stud	: Carbon Steel Zinc Plated		
Stem	: Stainless Steel		
Handwheel	: EN-GJS-450-10		
Nut	: Carbon Steel Zinc Plated		
Disc	: EN-GJS-450-10		
Connection Ends	: Flange to BS EN 1092-2:1997		

DN		L(mm)	Kg	Model
mm	inch			
50	2"	203	15.2954	AGV3143-0050
65	2 1/2"	216	18.894	AGV3143-0065
80	3"	524	23.6942	AGV3143-0080
100	4"	292	38.6253	AGV3143-0100
125	5"	330	47.449	AGV3143-0125
150	6"	356	69.6263	AGV3143-0150
200	8"	495	114.1262	AGV3143-0200
250	10"	622	172.3441	AGV3143-0250
300	12"	698	235.9239	AGV3143-0300

AGV4244

BS5152 Flanged OS&Y Globe Valve PN16



Valve body	: Cast Iron A126 Class B	Maximum Working Pressure	: PN16
Bonnet	: Cast Iron A126 Class B	Maximum Working Temperature	: -20°C - 120°C
Disk	: Cast Iron A126 Class B	Other Available Standards	
Stem	: Stainless Steel AISI420	Valve Standard	: MSS SP-85
Seat Ring	: Bronze B62 C83600	Flange Connection	: Class 125
Hand Wheel	: Cast Iron A126 Class B		
Connection Ends	: Flange to BS EN 1092-2:1997		

DN		L(mm)	Model
mm	inch		
50	2"	203	AGV4244-0050
65	2 1/2"	216	AGV4244-0065
80	3"	241	AGV4244-0080
100	4"	292	AGV4244-0100
125	5"	330	AGV4244-0125
150	6"	356	AGV4244-0150
200	8"	495	AGV4244-0200
250	10"	622	AGV4244-0250
300	12"	698	AGV4244-0300

AGV3304 | AGV3344

Flanged OS&Y Globe Valve
PN10 / PN16



Valve body : Cast Iron A126 Class B
 Bonnet : Cast Iron A126 Class B
 Disk : Cast Iron A126 Class B
 Stem : Stainless Steel AISI420
 Seat Ring : Bronze B62 C83600
 Hand Wheel : Cast Iron A126 Class B
 Connection Ends : Flange to BS EN 1092-2:1997

Maximum Working Pressure : PN16
 Maximum Working Temperature : -20°C - 120°C
 Other Available Standards
 Valve Standard : DIN3356/EN13789
 Face to Face : DIN3202 F1/EN 558-1 Series 1

DN		L(mm)	PN 10 Model	PN 16 Model
mm	inch			
15	1/2"	130	AGV3304-0015	AGV3344-0015
20	3/4"	150	AGV3304-0020	AGV3344-0020
25	1"	160	AGV3304-0025	AGV3344-0025
32	1 1/4"	180	AGV3304-0032	AGV3344-0032
40	1 1/2"	200	AGV3304-0040	AGV3344-0040
50	2"	230	AGV3304-0050	AGV3344-0050
65	2 1/2"	290	AGV3304-0065	AGV3344-0065
80	3"	310	AGV3304-0080	AGV3344-0080
100	4"	350	AGV3304-0100	AGV3344-0100
125	5"	400	AGV3304-0125	AGV3344-0125
150	6"	480	AGV3304-0150	AGV3344-0150
200	8"	600	AGV3304-0200	AGV3344-0200
250	10"	730	AGV3304-0250	AGV3344-0250
300	12"	850	AGV3304-0300	AGV3344-0300

AGT1141

Brass Globe Valve
PN16



Body : HPb59-1
 Bonnet : HPb57-3
 Pressure Cap : HPb57-3
 Handle : HT200
 Stem : HPb57-3
 Packing : PTFE
 Connection Ends : ISO 228

Maximum Working Pressure : PN16
 Maximum Working Temperature : -20°C - 120°C

DN		L(mm)	Kg	Model
mm	inch			
15	1/2"	45	0.23	AGT1141-0015
20	3/4"	54	0.305	AGT1141-0020
25	1"	61	0.43	AGT1141-0025
32	1 1/4"	74	0.75	AGT1141-0032
40	1 1/2"	84	0.93	AGT1141-0040
50	2"	94	1.42	AGT1141-0050

AGT2251

Bronze Globe Valve
PN25



Body : Bronze C83600
 Bonnet : Bronze C83601
 Disk : HPb57-3
 Stem : HPb59-1
 Packing Gland : PTFE
 Connection Ends : BSP (*NPT on request)

Maximum Working Pressure : PN25
 Maximum Working Temperature : -20°C - 120°C

DN		L(mm)	Kg	Model
mm	inch			
15	1/2"	45	0.23	AGT2251-0015
20	3/4"	54	0.305	AGT2251-0020
25	1"	61	0.43	AGT2251-0025
32	1 1/4"	74	0.75	AGT2251-0032
40	1 1/2"	84	0.93	AGT2251-0040
50	2"	94	1.42	AGT2251-0050

AGT5345

Stainless Steel Globe Valve
PN16



Body : Stainless Steel SS304
 Bonnet : Stainless Steel SS305
 Disk : Stainless Steel SS306
 Gasket : PTFE
 Packing : PTFE
 Connection Ends : ISO 228

Maximum Working Pressure : PN16
 Maximum Working Temperature : -20°C - 180°C

DN		L(mm)	Model
mm	inch		
15	1/2"	48	AGT5345-0015
20	3/4"	50	AGT5345-0020
25	1"	63	AGT5345-0025
32	1 1/4"	74	AGT5345-0032
40	1 1/2"	82	AGT5345-0040
50	2"	100	AGT5345-0050



FLEXIBLE COUPLING



CODIFICATION

A FC 8 1 4 7 - 0 0 3 2

Akvalett

FC-Flange Type Flexible Coupling

FT-Threaded Type Flexible Coupling

Body Material
 1-Brass
 2-Bronze
 3-DI
 4-CI
 5-SS
 6-Alu.Bronze
 7-Cast Alu
 8-EPDM

Pressure Class
 0-PN10
 4-PN16
 5-PN25

Flange/Union Material
 1-Brass
 4-DI
 5-SS
 6-Alu.Bronze
 7-Carbon Steel
 8-Aluminium
 9-Malleble Iron

00X0-Valve Size

1/2/3/4/6/7/8/9-Valve Code

AFC8147

Flexible Rubber Joint Single Sphere Electroplated
Carbon Steel Flange Connection PN16



Flange : Galvanized Carbon Steel
Reinforcing Ring : Carbon Steel
Rubber (Inner) : EPDM
Rubber (Outer) : EPDM
Reinforcing Fabric : Nylon Fabric
Vacuum Capacity : 700MM/HG
Maximum Working Pressure : PN16
Maximum Working Temperature : 0°C - 80°C

DN		L(mm)	Kg	Model
mm	inch			
32	1 1/4"	95	3.0681	AFC8147-0032
40	1 1/2"	95	3.4122	AFC8147-0040
50	2"	105	3.4122	AFC8147-0050
65	2 1/2"	115	5.3723	AFC8147-0065
80	3"	135	5.9419	AFC8147-0080
100	4"	150	6.985	AFC8147-0100
125	5"	165	9.5324	AFC8147-0125
150	6"	180	13.0738	AFC8147-0150
200	8"	210	16.6498	AFC8147-0200
250	10"	230	23.7467	AFC8147-0250
300	12"	230	31.3424	AFC8147-0300
350	14"	265		AFC8147-0350
400	16"	265		AFC8147-0400
450	18"	265		AFC8147-0450
500	20"	265		AFC8147-0500
600	24"	265		AFC8147-0600

AFC8244

Flexible Rubber Joint Single Sphere Epoxy Power Coating
DI Flange Connection PN16



Flange : Ductile Iron
The Rubber Body : EPDM
Vacuum Capacity : 86KPa
Connection Ends : Flange Drilling to BS EN 1092-2
Maximum Working Pressure : PN16
Maximum Working Temperature : 0°C - 80°C

DN		L(mm)	Kg	Model
mm	inch			
32	1 1/4"	95	1.65	AFC8244-0032
40	1 1/2"	95	1.85	AFC8244-0040
50	2"	105	2.3	AFC8244-0050
65	2 1/2"	115	3	AFC8244-0065
80	3"	135	3.6	AFC8244-0080
100	4"	150	4.35	AFC8244-0100
125	5"	165	6.15	AFC8244-0125
150	6"	180	7.8	AFC8244-0150
200	8"	215	12.95	AFC8244-0200
250	10"	225	16.8	AFC8244-0250
300	12"	240	18.9	AFC8244-0300

AFC8507 | AFC8547

Single-Sphere Flexible Rubber Joint with Floating Flanges PN10/ PN 16



Flange : Ductile Iron (DN32-DN300)
: Mild Steel (DN350-DN600)

The Rubber Body : EPDM

Reinforcing Ring : Carbon Steel

Reinforcing Cord : Nylon

Connection Ends : Flange Drilling to BS EN 1092-2

Maximum Working Pressure : PN 16 (DN32-DN300)

: PN 8.6 (DN350-DN600)

Maximum Working Temperature : -15°C - 115°C

DN		L(mm)	Model
mm	inch		
32	1 1/4"	95	AFC8547-0032
40	1 1/2"	95	AFC8547-0040
50	2"	105	AFC8547-0050
65	2 1/2"	115	AFC8547-0065
80	3"	135	AFC8547-0080
100	4"	135	AFC8547-0100
125	5"	170	AFC8547-0125
150	6"	180	AFC8547-0150
200	8"	205	AFC8547-0200
250	10"	230	AFC8547-0250
300	12"	245	AFC8547-0300
350	14"	265	AFC8507-0350
400	16"	265	AFC8507-0400
450	18"	265	AFC8507-0450
500	20"	265	AFC8507-0500
600	24"	265	AFC8507-0600

Other Available Standards

Flange Connection : ANSI/BS & etc available

Flange Material : Mild Steel/SUS 304/SUS 316

JIS16K / JIS20K Flanges are all Mild steel (32-600)

AFC5647 | AFC5657

Stainless Steel Expansion Joint Complete With Shipping Rods PN16 / PN25



Flange : Carbon Steel

Bellows : Stainless Steel

Sleeve : Stainless Steel

Shipping Rod : Carbon Steel

Connection Ends : Flange Drilling to BS EN 1092-2

Maximum Working Pressure : PN16 / PN25

Maximum Working Temperature : 220°C

DN		L(mm)	PN 16 Model	PN 25 Model
mm	inch			
32	1 1/4"	95	AFC5647-0032	AFC5657-0032
40	1 1/2"	95	AFC5647-0040	AFC5657-0040
50	2"	105	AFC5647-0050	AFC5657-0050
65	2 1/2"	115	AFC5647-0065	AFC5657-0065
80	3"	135	AFC5647-0080	AFC5657-0080
100	4"	135	AFC5647-0100	AFC5657-0100
125	5"	170	AFC5647-0125	AFC5657-0125
150	6"	180	AFC5647-0150	AFC5657-0150
200	8"	205	AFC5647-0200	AFC5657-0200
250	10"	230	AFC5647-0250	AFC5657-0250
300	12"	245	AFC5647-0300	AFC5657-0300
350	14"	265	AFC5647-0350	AFC5657-0350
400	16"	265	AFC5647-0400	AFC5657-0400
450	18"	265	AFC5647-0450	AFC5657-0450
500	20"	265	AFC5647-0500	AFC5657-0500
600	24"	265	AFC5647-0600	AFC5657-0600

AFC8347

Flexible Rubber Joint Twin Sphere Electroplated
Carbon Steel Flange Connection PN16



Flange : Galvanized Carbon Steel
Reinforcing Ring : Carbon Steel
Rubber (Inner) : EPDM
Rubber (Outer) : EPDM
Reinforcing Fabric : Nylon Fabric
Vacuum Capacity : 650MM/HG
Maximum Working Pressure : PN16
Maximum Working Temperature : 0°C - 80°C

DN		L(mm)	Kg	Model
mm	inch			
32	1 1/4"	175		AFC8347-0032
40	1 1/2"	175	3.5	AFC8347-0040
50	2"	175	4.3787	AFC8347-0050
65	2 1/2"	175	5.562	AFC8347-0065
80	3"	175	6.3219	AFC8347-0080
100	4"	225	7.3176	AFC8347-0100
125	5"	225	9.948	AFC8347-0125
150	6"	225	13.5217	AFC8347-0150
200	8"	325	18.1086	AFC8347-0200
250	10"	325	25.4959	AFC8347-0250
300	12"	325	33.5236	AFC8347-0300
350	14"	350		AFC8347-0350

AFT8449

Flexible Rubber Joint Twin Sphere Union-Screw
End Connection PN16



Union : Malleable iron
Reinforcing Fabric : Nylon Fabric
Rubber (Inner) : EPDM
Rubber (Outer) : EPDM
Thread : ISO 7-1
Vacuum Capacity : 500MM/HG

Maximum Working Pressure : PN16
Maximum Working Temperature : 0°C - 80°C

DN		L(mm)	Kg	Model
mm	inch			
15	1/2"	200	0.4138	AFT8449-0015
20	3/4"	200	0.8272	AFT8449-0020
25	1"	200	1.1905	AFT8449-0025
32	1 1/4"	200	1.5641	AFT8449-0032
40	1 1/2"	200	2.0638	AFT8449-0040
50	2"	200	2.8923	AFT8449-0050
65	2 1/2"	240	4.3649	AFT8449-0065
80	3"	240	5.7001	AFT8449-0080

AFT8449

Flexible Rubber Joint Twin Sphere Union-Screw
End Connection PN16



Union : Ductile Iron
Reinforcing Cord : Nylon
Rubber (Inner) : EPDM
Rubber (Outer) : EPDM
Thread : BSPT (*NPT on request)
Maximum Working Pressure : PN 16
Maximum Working Temperature : -15°C- 60°C

DN		L(mm)	Kg	Model
mm	inch			
15	1/2"	120	0.4138	AFT8449-0015
20	3/4"	120	0.8272	AFT8449-0020
25	1"	128	1.1905	AFT8449-0025
32	1 1/4"	185	1.5641	AFT8449-0032
40	1 1/2"	181	2.0638	AFT8449-0040
50	2"	191	2.8923	AFT8449-0050



BALANCING VALVE



CODIFICATION

A DR 3 1 4 1 - 0 0 6 5

A	DR	3	1	4	1	-	0	0	6	5
Akvalett	DR-Flange Type Balancing Valve	DT-Threaded Type Balancing Valve	Body Material 1-Brass 2-Bronze 3-DI 4-CI 5-SS 6-Alu.Bronze 7-Cast Alu	Pressure Class 0-PN10 4-PN16 5-PN25	Disk Material 1-Brass 4-DI 5-SS 6-Alu.Bronze				00X0-Valve Size	
			1/2/3/4/6/7/8/9-Valve Code							

ADR3141

Flange Static Flow Balancing Valve PN16



Body	: EN-GJS-450-10	Hand Wheel	: DN65-150 PA GF30
Disc	: Brass H59		: DN200-250 AL
Disc Screw	: Brass H59	O-Ring	: EPDM
Connection	: Flange to BS EN 1092-2:1997	Adjusting Screw	: Brass H59
Valve Stem	: Brass HPb59	Maximum Working Pressure	: PN16
	: Brass HPb59	Maximum Working Temperature	: 0°C - 120°C

DN		L(mm)	Kg	Model
mm	inch			
65	2 1/2"	290	14.8683	ADR3141-0065
80	3"	310	17.3938	ADR3141-0080
100	4"	350	24.1083	ADR3141-0100
125	5"	400	35.0084	ADR3141-0125
150	6"	480	46.6633	ADR3141-0150
200	8"	600	92.8234	ADR3141-0200
250	10"	730	147.011	ADR3141-0250
300	12"	850	180	ADR3141-0300

ADR3244 | ADR3254

BS7350 Fixed Orifice Double Regulating Valve PN16 / PN25



Body	: Ductile Iron	Orifice Insert	: Brass(DN65-300)
Disc	: EPDM Coated DI		: Stainless Steel(DN350-600)
Stem	: Stainless Steel 410(DN65-300)	Handwheel	: Ductile Iron
	: Stainless Steel 431(DN350-500)	Maximum Working Pressure	: PN 16/ PN 25
	: Stainless Steel 630(DN600)	Maximum Working Temperature	: -10°C- 120°C
Bonnet	: Ductile Iron	Test Point	: Brass
Stem Nut	: Brass		
Gland	: Brass(DN65-150)		
	: Ductile Iron(DN200-600)		

DN		L(mm)	PN 16 Model	PN 25 Model
mm	inch			
65	2 1/2"	290	ADR3244-0065	ADR3254-0065
80	3"	310	ADR3244-0080	ADR3254-0080
100	4"	350	ADR3244-0100	ADR3254-0100
125	5"	400	ADR3244-0125	ADR3254-0125
150	6"	480	ADR3244-0150	ADR3254-0150
200	8"	600	ADR3244-0200	ADR3254-0200
250	10"	730	ADR3244-0250	ADR3254-0250
300	12"	850	ADR3244-0300	ADR3254-0300
350	14"	980	ADR3244-0350	ADR3254-0350
400	16"	1100	ADR3244-0400	ADR3254-0400
450	18"	1200	ADR3244-0450	ADR3254-0450
500	20"	1250	ADR3244-0500	ADR3254-0500
600	24"	1450	ADR3244-0600	ADR3254-0600

Other Available Standards:

Flange Connection : ASME Class 125/Class 250

ADR3444 | ADR3454

BS7350 Variable Orifice Double Regulating Valve
PN16 / PN25



Body : Ductile Iron
 Disc : EPDM Coated DI
 Stem : Stainless Steel 410(DN65-300)
 : Stainless Steel 431(DN350-500)
 : Stainless Steel 630(DN600)
 Bonnet : Ductile Iron
 Stem Nut : Brass
 Gland : Brass(DN65-150)
 : Ductile Iron(DN200-600)
 Handwheel : Ductile Iron
 Maximum Working Pressure : PN 16/ PN 25
 Maximum Working Temperature : -10°C- 120°C
 Test Point : Brass

DN		L(mm)	PN 16 Model	PN 25 Model
mm	inch			
65	2 1/2"	290	ADR3444-0065	ADR3454-0065
80	3"	310	ADR3444-0080	ADR3454-0080
100	4"	350	ADR3444-0100	ADR3454-0100
125	5"	400	ADR3444-0125	ADR3454-0125
150	6"	480	ADR3444-0150	ADR3454-0150
200	8"	600	ADR3444-0200	ADR3454-0200
250	10"	730	ADR3444-0250	ADR3454-0250
300	12"	850	ADR3444-0300	ADR3454-0300
350	14"	980	ADR3444-0350	ADR3454-0350
400	16"	1100	ADR3444-0400	ADR3454-0400
450	18"	1200	ADR3444-0450	ADR3454-0450
500	20"	1250	ADR3444-0500	ADR3454-0500
600	24"	1450	ADR3444-0600	ADR3454-0600

Other Available Standards

Flange Connection : ASME Class 125/Class 250

ADT2251

Fixed Orifice Double Regulating Valve
PN25



Body : Bronze
 Bonnet : Brass(DN15-32)
 : Bronze(DN40-50)
 Stem : Brass
 Disc : Brass(DN15-20)
 : Brass+PTFE(DN25-50)
 Orifice Insert : Brass
 Handwheel : Plastic
 Connection : ISO 7 (BS 21)
 Maximum Working Pressure : PN 25
 Maximum Working Temperature : -10°C- 120°C
 Test Point : Brass

DN		L(mm)	Kg	Model
mm	inch			
15	1/2"	94.5		ADT2251-0015
20	3/4"	101		ADT2251-0020
25	1"	110		ADT2251-0025
32	1 1/4"	120		ADT2251-0032
40	1 1/2"	140		ADT2251-0040
50	2"	154		ADT2251-0050

Other Available Standards

Threaded : NPT

Pressure Test Valve



Body : Brass BSEN12165 CW602N
 Cap : Brass BSEN12165 CW602N
 Cap Washer : EPDM
 Tie : Polypropylene
 Seal : EPDM
 Retaining Ring : Brass BSEN12165 CW602N
 Connection : ISO 7-1 (BS EN 10226-2)
 Pressure : PN 25
 Temperature : -10°C - 120°C

Extension Tube



Body : Stainless Steel
 Pressure : PN 25
 Connection : ISO 7-1 (BS EN 10226-2)
 Temperature : -10°C - 120°C

FMD5145 | FMD5155

Double Flow Measurement Device



Orifice and carrier : Stainless steel 304/316
 Extension tubes : Stainless steel 3016
 Test Point : Brass
 Pressure : PN 16 / PN 25
 Temperature : -10°C - 120°C

DN		Kg	PN 16 Model	PN 25 Model
mm	inch			
65	2 1/2"	1.5	FMD5145-0065	FMD5155-0065
80	3"	1.8	FMD5145-0080	FMD5155-0080
100	4"	2	FMD5145-0100	FMD5155-0100
125	5"	2.6	FMD5145-0125	FMD5155-0125
150	6"	3	FMD5145-0150	FMD5155-0150
200	8"	4	FMD5145-0200	FMD5155-0200
250	10"	5.3	FMD5145-0250	FMD5155-0250
300	12"	6.5	FMD5145-0300	FMD5155-0300
350	14"	13	FMD5145-0350	FMD5155-0350
400	16"	15.3	FMD5145-0400	FMD5155-0400
450	18"	20	FMD5145-0450	FMD5155-0450
500	20"	21.9	FMD5145-0500	FMD5155-0500
600	24"	36	FMD5145-0600	FMD5155-0600

*Larger sizes and other flange mounting available on application.

Electronic Commissioning Unit

Electronic measurer for balancing valve



Applicable Models
 FMD5155
 ADT2251
 ADR3244 / ADR3254
 ADR3444 / ADR3454



BALL VALVE



CODIFICATION

A BT 1 1 4 1 - 0 0 1 5

A	BT	1	1	4	1	-	0	0	1	5
Akvalett	BT-Threaded Type Ball Valve	Body Material 1-Brass 2-Bronze 3-DI 4-CI 5-SS 6-Alu.Bronze 7-Cast Alu	Pressure Class 0-PN10 4-PN16 5-PN25	Ball Material 1-Brass 4-DI 5-SS 6-Alu.Bronze	00X0-Valve Size					
			1/2/3/4//6/7/8/9-Valve Code							

ABT1141

Brass Ball Valve
PN16



Body : HPb59-1
Bonnet : HPb59-1
Valve Ball : HPb57-3
Stem : HPb57-3
Seat : PTFE
Connection Ends : ISO 228

Maximum Working Pressure : PN16
Maximum Working Temperature : -10°C - 120°C

DN		L(mm)	Kg	Model
mm	inch			
15	1/2"	45	0.2	ABT1141-0015
20	3/4"	54	0.26	ABT1141-0020
25	1"	61	0.385	ABT1141-0025
32	1 1/4"	74	0.575	ABT1141-0032
40	1 1/2"	84	0.77	ABT1141-0040
50	2"	94	1.135	ABT1141-0050

ABT2272 | ABT2252

Bronze Ball Valve
PN40 / PN25



Body : Bronze C83600
Bonnet : Bronze C83601
Valve Ball : SS304
Stem : Brass 57-3
Seal : PTFE
Connection Ends : BSP (*NPT on request)

Maximum Working Pressure : PN 40 (DN15-DN50)
: PN 25 (DN65-DN100)

Maximum Working Temperature : -20°C - 120°C

DN		L(mm)	Model PN40	Model PN25
mm	inch			
15	1/2"	53.6	ABT2252-0015	ABT2272-0015
20	3/4"	58.5	ABT2252-0020	ABT2272-0020
25	1"	70.5	ABT2252-0025	ABT2272-0025
32	1 1/4"	77	ABT2252-0032	ABT2272-0032
40	1 1/2"	93	ABT2252-0040	ABT2272-0040
50	2"	110	ABT2252-0050	ABT2272-0050
65	2 1/2"	140	ABT2252-0065	ABT2272-0065
80	3"	160	ABT2252-0080	ABT2272-0080
100	4"	180	ABT2252-0100	ABT2272-0100


ABT5345

Stainless Steel Ball Valve PN16



Body : Stainless Steel SS304
 Valve Seat : PTFE
 Sphere : Stainless Steel SS304
 Cap : Stainless Steel SS304
 Stem : Stainless Steel SS305
 Gasket : PTFE
 Connection Ends : ISO

Maximum Working Pressure : PN16
 Maximum Working Temperature : -20°C - 180°C

DN		 L(mm)	Model
mm	inch		
11	1/4"	55	ABT5345-0011
12	3/8"	55	ABT5345-0012
15	1/2"	55	ABT5345-0015
20	3/4"	59	ABT5345-0020
25	1"	66	ABT5345-0025
32	1 1/4"	71	ABT5345-0032
40	1 1/2"	82	ABT5345-0040
50	2"	90	ABT5345-0050
65	2 1/2"	122	ABT5345-0065
80	3"	135	ABT5345-0080
100	4"	156	ABT5345-0100



PRESSURE GAUGE AND ACCESSORIES



Pressure Gauge



Case : Steel, painted black (*plastic on request)
 Dial : 1.5" (40mm), 2" (50mm), 2.5" (63mm), 4" (100mm)
 white aluminum with black and red marking
 Lens : 1.5" (40mm), 2" (50mm), 2.5" (63mm) - Acrylic
 4" (100mm) - Glass
 Socket : Brass (*Lead free brass on request)
 Pointer : Aluminum, black
 Connection : 1/8" NPT, 1/4" NPT or BSP(G) standard
 *other threaded types are available

Bourdon Tube : Phosphor bronze
 (*Lead free brass on request)
 Over Pressure Limit : 25% of full scale value
 Maximum Working Temperature : -40°C - 65°C

Dial Size		Range bar	Connection																		
			1/8" NPT Bottom	1/8" NPT Back(CB)	1/4" NPT Bottom	1/4" NPT Back(CB)	1/4" BSP(G) Bottom	1/4" BSP(G) Back(CB)	1/2" NPT Bottom	1/2" BSP(G) Bottom											
40	1 1/2"	from -1 to 0	PG0408NPTBO-0-1/000	PG0408NPTCB-0-1/000																	
		from -1 to 1																			
		from -1 to 2																			
		from -1 to 4																			
		from -1 to 7																			
		0 to 1	PG0408NPTBO-00/001	PG0408NPTCB-00/001																	
		0 to 2	PG0408NPTBO-00/002	PG0408NPTCB-00/002																	
		0 to 4	PG0408NPTBO-00/004	PG0408NPTCB-00/004																	
		0 to 7	PG0408NPTBO-00/007	PG0408NPTCB-00/007																	
		0 to 11	PG0408NPTBO-00/011	PG0408NPTCB-00/011																	
		0 to 14	PG0408NPTBO-00/014	PG0408NPTCB-00/014																	
		0 to 20	PG0408NPTBO-00/020	PG0408NPTCB-00/020																	
		0 to 28																			
		0 to 40																			
		0 to 70																			
		0 to 200																			
0 to 350																					
0 to 400	PG0408NPTBO-00/400	PG0408NPTCB-00/400																			
0 to 500																					
0 to 700																					
50	2"	from -1 to 0	PG0508NPTBO-0-1/000	PG0508NPTCB-0-1/000	PG0504NPTBO-0-1/000	PG0504NPTBO-0-1/000															
		from -1 to 1																			
		from -1 to 2																			
		from -1 to 4																			
		from -1 to 7																			
		0 to 1	PG0508NPTBO-00/001	PG0508NPTCB-00/001	PG0504NPTBO-00/001	PG0504NPTBO-00/001															
		0 to 2	PG0508NPTBO-00/002	PG0508NPTCB-00/002	PG0504NPTBO-00/002	PG0504NPTBO-00/002															
		0 to 4	PG0508NPTBO-00/004	PG0508NPTCB-00/004	PG0504NPTBO-00/004	PG0504NPTBO-00/004															
		0 to 7	PG0508NPTBO-00/007	PG0508NPTCB-00/007	PG0504NPTBO-00/007	PG0504NPTBO-00/007															
		0 to 11	PG0508NPTBO-00/011	PG0508NPTCB-00/011	PG0504NPTBO-00/011	PG0504NPTBO-00/011															
		0 to 14	PG0508NPTBO-00/014	PG0508NPTCB-00/014	PG0504NPTBO-00/014	PG0504NPTBO-00/014															
		0 to 20	PG0508NPTBO-00/020	PG0508NPTCB-00/020	PG0504NPTBO-00/020	PG0504NPTBO-00/020															
		0 to 28																			
		0 to 40																			
		0 to 70																			
		0 to 200																			
0 to 350																					
0 to 400	PG0508NPTBO-00/400	PG0508NPTCB-00/400	PG0504NPTBO-00/400	PG0504NPTBO-00/400																	
0 to 500																					
0 to 700																					
63	2 1/2"	from -1 to 0			PG0634NPTBO-0-1/000	PG0634NPTCB-0-1/000	PG0634BSPBO-0-1/000	PG0634BSPCB-0-1/000													
		from -1 to 1			PG0634NPTBO-0-1/001	PG0634NPTCB-0-1/001	PG0634BSPBO-0-1/001	PG0634BSPCB-0-1/001													
		from -1 to 2			PG0634NPTBO-0-1/002	PG0634NPTCB-0-1/002	PG0634BSPBO-0-1/002	PG0634BSPCB-0-1/002													
		from -1 to 4			PG0634NPTBO-0-1/004	PG0634NPTCB-0-1/004	PG0634BSPBO-0-1/004	PG0634BSPCB-0-1/004													
		from -1 to 7			PG0634NPTBO-0-1/007	PG0634NPTCB-0-1/007	PG0634BSPBO-0-1/007	PG0634BSPCB-0-1/007													
		0 to 1			PG0634NPTBO-00/001	PG0634NPTCB-00/001	PG0634BSPBO-00/001	PG0634BSPCB-00/001													
		0 to 2			PG0634NPTBO-00/002	PG0634NPTCB-00/002	PG0634BSPBO-00/002	PG0634BSPCB-00/002													
		0 to 4			PG0634NPTBO-00/004	PG0634NPTCB-00/004	PG0634BSPBO-00/004	PG0634BSPCB-00/004													
		0 to 7			PG0634NPTBO-00/007	PG0634NPTCB-00/007	PG0634BSPBO-00/007	PG0634BSPCB-00/007													
		0 to 11			PG0634NPTBO-00/011	PG0634NPTCB-00/011	PG0634BSPBO-00/011	PG0634BSPCB-00/011													
		0 to 14			PG0634NPTBO-00/014	PG0634NPTCB-00/014	PG0634BSPBO-00/014	PG0634BSPCB-00/014													
		0 to 20			PG0634NPTBO-00/020	PG0634NPTCB-00/020	PG0634BSPBO-00/020	PG0634BSPCB-00/020													
		0 to 28			PG0634NPTBO-00/028	PG0634NPTCB-00/028	PG0634BSPBO-00/028	PG0634BSPCB-00/028													
		0 to 40			PG0634NPTBO-00/040	PG0634NPTCB-00/040	PG0634BSPBO-00/040	PG0634BSPCB-00/040													
		0 to 70			PG0634NPTBO-00/070	PG0634NPTCB-00/070	PG0634BSPBO-00/070	PG0634BSPCB-00/070													
		0 to 200			PG0634NPTBO-00/200	PG0634NPTCB-00/200	PG0634BSPBO-00/200	PG0634BSPCB-00/200													
0 to 350			PG0634NPTBO-00/350	PG0634NPTCB-00/350	PG0634BSPBO-00/350	PG0634BSPCB-00/350															
0 to 400			PG0634NPTBO-00/400	PG0634NPTCB-00/400	PG0634BSPBO-00/400	PG0634BSPCB-00/400															
0 to 500			PG0634NPTBO-00/500	PG0634NPTCB-00/500	PG0634BSPBO-00/500	PG0634BSPCB-00/500															
0 to 700			PG0634NPTBO-00/700	PG0634NPTCB-00/700	PG0634BSPBO-00/700	PG0634BSPCB-00/700															

Dial Size mm inch		Range bar	Connection								
			1/8" NPT Bottom	1/8" NPT Back(CB)	1/4" NPT Bottom	1/4" NPT Back(CB)	1/4" BSP(G) Bottom	1/4" BSP(G) Back(CB)	1/2" NPT Bottom	1/2" BSP(G) Bottom	
		from -1 to 0			PG01004NPTBO-0-1/000			PG01004BSPBO-0-1/000		PG01002NPTBO-0-1/000	PG01002BSPBO-0-1/000
		from -1 to 1			PG01004NPTBO-0-1/001			PG01004BSPBO-0-1/001		PG01002NPTBO-0-1/001	PG01002BSPBO-0-1/001
		from -1 to 2			PG01004NPTBO-0-1/002			PG01004BSPBO-0-1/002		PG01002NPTBO-0-1/002	PG01002BSPBO-0-1/002
		from -1 to 4			PG01004NPTBO-0-1/004			PG01004BSPBO-0-1/004		PG01002NPTBO-0-1/004	PG01002BSPBO-0-1/004
		from -1 to 7			PG01004NPTBO-0-1/007			PG01004BSPBO-0-1/007		PG01002NPTBO-0-1/007	PG01002BSPBO-0-1/007
		0 to 1			PG01004NPTBO-00/001			PG01004BSPBO-00/001		PG01002NPTBO-00/001	PG01002BSPBO-00/001
		0 to 2			PG01004NPTBO-00/002			PG01004BSPBO-00/002		PG01002NPTBO-00/002	PG01002BSPBO-00/002
		0 to 4			PG01004NPTBO-00/004			PG01004BSPBO-00/004		PG01002NPTBO-00/004	PG01002BSPBO-00/004
		0 to 7			PG01004NPTBO-00/007			PG01004BSPBO-00/007		PG01002NPTBO-00/007	PG01002BSPBO-00/007
		0 to 10								PG01002NPTBO-00/010	PG01002BSPBO-00/010
		0 to 11			PG01004NPTBO-00/011			PG01004BSPBO-00/011		PG01002NPTBO-00/011	PG01002BSPBO-00/011
100	4"	0 to 14			PG01004NPTBO-00/014			PG01004BSPBO-00/014		PG01002NPTBO-00/014	PG01002BSPBO-00/014
		0 to 16			PG01004NPTBO-00/016			PG01004BSPBO-00/016			
		0 to 17								PG01002NPTBO-00/017	PG01002BSPBO-00/017
		0 to 20			PG01004NPTBO-00/020			PG01004BSPBO-00/020		PG01002NPTBO-00/020	PG01002BSPBO-00/020
		0 to 28			PG01004NPTBO-00/028			PG01004BSPBO-00/028		PG01002NPTBO-00/028	PG01002BSPBO-00/028
		0 to 40			PG01004NPTBO-00/040			PG01004BSPBO-00/040		PG01002NPTBO-00/040	PG01002BSPBO-00/040
		0 to 70			PG01004NPTBO-00/070			PG01004BSPBO-00/070		PG01002NPTBO-00/070	PG01002BSPBO-00/070
		0 to 200			PG01004NPTBO-00/200			PG01004BSPBO-00/200		PG01002NPTBO-00/200	PG01002BSPBO-00/200
		0 to 350			PG01004NPTBO-00/350			PG01004BSPBO-00/350		PG01002NPTBO-00/350	PG01002BSPBO-00/350
		0 to 400			PG01004NPTBO-00/400			PG01004BSPBO-00/400		PG01002NPTBO-00/400	PG01002BSPBO-00/400
		0 to 500			PG01004NPTBO-00/500			PG01004BSPBO-00/500		PG01002NPTBO-00/500	PG01002BSPBO-00/500
		0 to 700			PG01004NPTBO-00/700			PG01004BSPBO-00/700		PG01002NPTBO-00/700	PG01002BSPBO-00/700

Dial Size mm inch		Range bar	Connection								
			1/8" NPT Bottom	1/8" NPT Back(CB)	1/8" NPT Bottom	1/8" NPT Back(CB)	1/4" NPT Bottom	1/4" NPT Back(CB)	1/4" NPT Bottom	1/4" NPT Back(CB)	
		from -1 to 0						PGB5634NPTBO-0-1/000	PGB5634NPTCB-0-1/000	PGS5634NPTBO-0-1/000	PGS5634NPTCB-0-1/000
		from -1 to 1						PGB5634NPTBO-0-1/001	PGB5634NPTCB-0-1/001	PGS5634NPTBO-0-1/001	PGS5634NPTCB-0-1/001
		from -1 to 2						PGB5634NPTBO-0-1/002	PGB5634NPTCB-0-1/002	PGS5634NPTBO-0-1/002	PGS5634NPTCB-0-1/002
		from -1 to 4						PGB5634NPTBO-0-1/004	PGB5634NPTCB-0-1/004	PGS5634NPTBO-0-1/004	PGS5634NPTCB-0-1/004
		from -1 to 7						PGB5634NPTBO-0-1/007	PGB5634NPTCB-0-1/007	PGS5634NPTBO-0-1/007	PGS5634NPTCB-0-1/007
		from -1 to 10						PGB5634NPTBO-0-1/010	PGB5634NPTCB-0-1/010	PGS5634NPTBO-0-1/010	PGS5634NPTCB-0-1/010
		from -1 to 14						PGB5634NPTBO-0-1/014	PGB5634NPTCB-0-1/014	PGS5634NPTBO-0-1/014	PGS5634NPTCB-0-1/014
		from -1 to 20						PGB5634NPTBO-0-1/020	PGB5634NPTCB-0-1/020	PGS5634NPTBO-0-1/020	PGS5634NPTCB-0-1/020
		0 to 1						PGB5634NPTBO-00/001	PGB5634NPTCB-00/001	PGS5634NPTBO-00/001	PGS5634NPTCB-00/001
		0 to 2						PGB5634NPTBO-00/002	PGB5634NPTCB-00/002	PGS5634NPTBO-00/002	PGS5634NPTCB-00/002
		0 to 4						PGB5634NPTBO-00/004	PGB5634NPTCB-00/004	PGS5634NPTBO-00/004	PGS5634NPTCB-00/004
63	2 1/2"	0 to 7						PGB5634NPTBO-00/007	PGB5634NPTCB-00/007	PGS5634NPTBO-00/007	PGS5634NPTCB-00/007
		0 to 11						PGB5634NPTBO-00/011	PGB5634NPTCB-00/011	PGS5634NPTBO-00/011	PGS5634NPTCB-00/011
		0 to 14						PGB5634NPTBO-00/014	PGB5634NPTCB-00/014	PGS5634NPTBO-00/014	PGS5634NPTCB-00/014
		0 to 20						PGB5634NPTBO-00/020	PGB5634NPTCB-00/020	PGS5634NPTBO-00/020	PGS5634NPTCB-00/020
		0 to 28						PGB5634NPTBO-00/028	PGB5634NPTCB-00/028	PGS5634NPTBO-00/028	PGS5634NPTCB-00/028
		0 to 40						PGB5634NPTBO-00/040	PGB5634NPTCB-00/040	PGS5634NPTBO-00/040	PGS5634NPTCB-00/040
		0 to 70						PGB5634NPTBO-00/070	PGB5634NPTCB-00/070	PGS5634NPTBO-00/070	PGS5634NPTCB-00/070
		0 to 100						PGB5634NPTBO-00/100	PGB5634NPTCB-00/100	PGS5634NPTBO-00/100	PGS5634NPTCB-00/100
		0 to 140						PGB5634NPTBO-00/140	PGB5634NPTCB-00/140	PGS5634NPTBO-00/140	PGS5634NPTCB-00/140
		0 to 200						PGB5634NPTBO-00/200	PGB5634NPTCB-00/200	PGS5634NPTBO-00/200	PGS5634NPTCB-00/200
		0 to 350						PGB5634NPTBO-00/350	PGB5634NPTCB-00/350	PGS5634NPTBO-00/350	PGS5634NPTCB-00/350
		0 to 400						PGB5634NPTBO-00/400	PGB5634NPTCB-00/400	PGS5634NPTBO-00/400	PGS5634NPTCB-00/400
		0 to 500						PGB5634NPTBO-00/500	PGB5634NPTCB-00/500	PGS5634NPTBO-00/500	PGS5634NPTCB-00/500
		0 to 700						PGB5634NPTBO-00/700	PGB5634NPTCB-00/700	PGS5634NPTBO-00/700	PGS5634NPTCB-00/700
		0 to 1000						PGB5634NPTBO-00/1000	PGB5634NPTCB-00/1000	PGS5634NPTBO-00/1000	PGS5634NPTCB-00/1000

Dial Size mm inch		Range bar	Connection							
			1/4" NPT Bottom	1/4" NPT Back(CB)	1/4" NPT Bottom	1/4" NPT Back(CB)	1/2" NPT Bottom	1/2" NPT Back(CB)	1/2" NPT Bottom	1/2" NPT Back(CB)
		from -1 to 0	PGB51004NPTBO-0-1/000	PGB51004NPTCB-0-1/000	PGS51004NPTBO-0-1/000	PGS51004NPTCB-0-1/000	PGB51002NPTBO-0-1/000	PGB51002NPTCB-0-1/000	PGS51002NPTBO-0-1/000	PGS51002NPTCB-0-1/000
		from -1 to 1	PGB51004NPTBO-0-1/001	PGB51004NPTCB-0-1/001	PGS51004NPTBO-0-1/001	PGS51004NPTCB-0-1/001	PGB51002NPTBO-0-1/001	PGB51002NPTCB-0-1/001	PGS51002NPTBO-0-1/001	PGS51002NPTCB-0-1/001
		from -1 to 2	PGB51004NPTBO-0-1/002	PGB51004NPTCB-0-1/002	PGS51004NPTBO-0-1/002	PGS51004NPTCB-0-1/002	PGB51002NPTBO-0-1/002	PGB51002NPTCB-0-1/002	PGS51002NPTBO-0-1/002	PGS51002NPTCB-0-1/002
		from -1 to 4	PGB51004NPTBO-0-1/004	PGB51004NPTCB-0-1/004	PGS51004NPTBO-0-1/004	PGS51004NPTCB-0-1/004	PGB51002NPTBO-0-1/004	PGB51002NPTCB-0-1/004	PGS51002NPTBO-0-1/004	PGS51002NPTCB-0-1/004
		from -1 to 7	PGB51004NPTBO-0-1/007	PGB51004NPTCB-0-1/007	PGS51004NPTBO-0-1/007	PGS51004NPTCB-0-1/007	PGB51002NPTBO-0-1/007	PGB51002NPTCB-0-1/007	PGS51002NPTBO-0-1/007	PGS51002NPTCB-0-1/007
		from -1 to 10	PGB51004NPTBO-0-1/010	PGB51004NPTCB-0-1/010	PGS51004NPTBO-0-1/010	PGS51004NPTCB-0-1/010	PGB51002NPTBO-0-1/010	PGB51002NPTCB-0-1/010	PGS51002NPTBO-0-1/010	PGS51002NPTCB-0-1/010
		from -1 to 14	PGB51004NPTBO-0-1/014	PGB51004NPTCB-0-1/014	PGS51004NPTBO-0-1/014	PGS51004NPTCB-0-1/014	PGB51002NPTBO-0-1/014	PGB51002NPTCB-0-1/014	PGS51002NPTBO-0-1/014	PGS51002NPTCB-0-1/014
		from -1 to 20	PGB51004NPTBO-0-1/020	PGB51004NPTCB-0-1/020	PGS51004NPTBO-0-1/020	PGS51004NPTCB-0-1/020	PGB51002NPTBO-0-1/020	PGB51002NPTCB-0-1/020	PGS51002NPTBO-0-1/020	PGS51002NPTCB-0-1/020
		0 to 1	PGB51004NPTBO-00/001	PGB51004NPTCB-00/001	PGS51004NPTBO-00/001	PGS51004NPTCB-00/001	PGB51002NPTBO-00/001	PGB51002NPTCB-00/001	PGS51002NPTBO-00/001	PGS51002NPTCB-00/001
		0 to 2	PGB51004NPTBO-00/002	PGB51004NPTCB-00/002	PGS51004NPTBO-00/002	PGS51004NPTCB-00/002	PGB51002NPTBO-00/002	PGB51002NPTCB-00/002	PGS51002NPTBO-00/002	PGS51002NPTCB-00/002
		0 to 4	PGB51004NPTBO-00/004	PGB51004NPTCB-00/004	PGS51004NPTBO-00/004	PGS51004NPTCB-00/004	PGB51002NPTBO-00/004	PGB51002NPTCB-00/004	PGS51002NPTBO-00/004	PGS51002NPTCB-00/004
100	4"	0 to 7	PGB51004NPTBO-00/007	PGB51004NPTCB-00/007	PGS51004NPTBO-00/007	PGS51004NPTCB-00/007	PGB51002NPTBO-00/007	PGB51002NPTCB-00/007	PGS51002NPTBO-00/007	PGS51002NPTCB-00/007
		0 to 11	PGB51004NPTBO-00/011	PGB51004NPTCB-00/011	PGS51004NPTBO-00/011	PGS51004NPTCB-00/011	PGB51002NPTBO-00/011	PGB51002NPTCB-00/011	PGS51002NPTBO-00/011	PGS51002NPTCB-00/011
		0 to 14	PGB51004NPTBO-00/014	PGB51004NPTCB-00/014	PGS51004NPTBO-00/014	PGS51004NPTCB-00/014	PGB51002NPTBO-00/014	PGB51002NPTCB-00/014	PGS51002NPTBO-00/014	PGS51002NPTCB-00/014
		0 to 20	PGB51004NPTBO-00/020	PGB51004NPTCB-00/020	PGS51004NPTBO-00/020	PGS51004NPTCB-00/020	PGB51002NPTBO-00/020	PGB51002NPTCB-00/020	PGS51002NPTBO-00/020	PGS51002NPTCB-00/020
		0 to 28	PGB51004NPTBO-00/028	PGB51004NPTCB-00/028	PGS51004NPTBO-00/028	PGS51004NPTCB-00/028	PGB51002NPTBO-00/028	PGB51002NPTCB-00/028	PGS51002NPTBO-00/028	PGS51002NPTCB-00/028
		0 to 40	PGB51004NPTBO-00/040	PGB51004NPTCB-00/040	PGS51004NPTBO-00/040	PGS51004NPTCB-00/040	PGB51002NPTBO-00/040	PGB51002NPTCB-00/040	PGS51002NPTBO-00/040	PGS51002NPTCB-00/040
		0 to 70	PGB51004NPTBO-00/070	PGB51004NPTCB-00/070	PGS51004NPTBO-00/070	PGS51004NPTCB-00/070	PGB51002NPTBO-00/070	PGB51002NPTCB-00/070	PGS51002NPTBO-00/070	PGS51002NPTCB-00/070
		0 to 100	PGB51004NPTBO-00/100	PGB51004NPTCB-00/100	PGS51004NPTBO-00/100	PGS51004NPTCB-00/100	PGB51002NPTBO-00/100	PGB51002NPTCB-00/100	PGS51002NPTBO-00/100	PGS51002NPTCB-00/100
		0 to 140	PGB51004NPTBO-00/140	PGB51004NPTCB-00/140	PGS51004NPTBO-00/140	PGS51004NPTCB-00/140	PGB51002NPTBO-00/140	PGB51002NPTCB-00/140	PGS51002NPTBO-00/140	PGS51002NPTCB-00/140
		0 to 200	PGB51004NPTBO-00/200	PGB51004NPTCB-00/200	PGS51004NPTBO-00/200	PGS51004NPTCB-00/200	PGB51002NPTBO-00/200	PGB51002NPTCB-00/200	PGS51002NPTBO-00/200	PGS51002NPTCB-00/200
		0 to 350	PGB51004NPTBO-00/350	PGB51004NPTCB-00/350	PGS51004NPTBO-00/350	PGS51004NPTCB-00/350	PGB51002NPTBO-00/350	PGB51002NPTCB-00/350	PGS51002NPTBO-00/350	PGS51002NPTCB-00/350
		0 to 400	PGB51004NPTBO-00/400	PGB51004NPTCB-00/400	PGS51004NPTBO-00/400	PGS51004NPTCB-00/400	PGB51002NPTBO-00/400	PGB51002NPTCB-00/400	PGS51002NPTBO-00/400	PGS51002NPTCB-00/400
		0 to 500	PGB51004NPTBO-00/500	PGB51004NPTCB-00/500	PGS51004NPTBO-00/500	PGS51004NPTCB-00/500	PGB51002NPTBO-00/500	PGB51002NPTCB-00/500	PGS51002NPTBO-00/500	PGS51002NPTCB-00/500
		0 to 700	PGB51004NPTBO-00/700	PGB51004NPTCB-00/700	PGS51004NPTBO-00/700	PGS51004NPTCB-00/700	PGB51002NPTBO-00/700	PGB51002NPTCB-00/700	PGS51002NPTBO-00/700	PGS51002NPTCB-00/700
		0 to 1000	PGB51004NPTBO-00/1000	PGB51004NPTCB-00/1000	PGS51004NPTBO-00/1000	PGS51004NPTCB-00/1000	PGB51002NPTBO-00/1000	PGB51002NPTCB-00/1000	PGS51002NPTBO-00/1000	PGS51002NPTCB-00/1000

Dial Size		Range bar	Connection							
			1/4" BSP(G) Bottom	1/4" BSP(G) Back(CB)	1/4" BSP(G) Bottom	1/4" BSP(G) Back(CB)	1/2" BSP(G) Bottom	1/2" BSP(G) Back(CB)	1/2" BSP(G) Bottom	1/2" BSP(G) Back(CB)
			Brass				SS			
		from -1 to 0	PGS51004BSPBO-0/000	PGS51004BSPCB-0/000	PGS51004BSPBO-0/000	PGS51004BSPCB-0/000	PGS51002BSPBO-0/000	PGS51002BSPCB-0/000	PGS51002BSPBO-0/000	PGS51002BSPCB-0/000
		from -1 to 1	PGS51004BSPBO-0/001	PGS51004BSPCB-0/001	PGS51004BSPBO-0/001	PGS51004BSPCB-0/001	PGS51002BSPBO-0/001	PGS51002BSPCB-0/001	PGS51002BSPBO-0/001	PGS51002BSPCB-0/001
		from -1 to 2	PGS51004BSPBO-0/002	PGS51004BSPCB-0/002	PGS51004BSPBO-0/002	PGS51004BSPCB-0/002	PGS51002BSPBO-0/002	PGS51002BSPCB-0/002	PGS51002BSPBO-0/002	PGS51002BSPCB-0/002
		from -1 to 4	PGS51004BSPBO-0/004	PGS51004BSPCB-0/004	PGS51004BSPBO-0/004	PGS51004BSPCB-0/004	PGS51002BSPBO-0/004	PGS51002BSPCB-0/004	PGS51002BSPBO-0/004	PGS51002BSPCB-0/004
		from -1 to 7	PGS51004BSPBO-0/007	PGS51004BSPCB-0/007	PGS51004BSPBO-0/007	PGS51004BSPCB-0/007	PGS51002BSPBO-0/007	PGS51002BSPCB-0/007	PGS51002BSPBO-0/007	PGS51002BSPCB-0/007
		from -1 to 10	PGS51004BSPBO-0/010	PGS51004BSPCB-0/010	PGS51004BSPBO-0/010	PGS51004BSPCB-0/010	PGS51002BSPBO-0/010	PGS51002BSPCB-0/010	PGS51002BSPBO-0/010	PGS51002BSPCB-0/010
		from -1 to 14	PGS51004BSPBO-0/014	PGS51004BSPCB-0/014	PGS51004BSPBO-0/014	PGS51004BSPCB-0/014	PGS51002BSPBO-0/014	PGS51002BSPCB-0/014	PGS51002BSPBO-0/014	PGS51002BSPCB-0/014
		from -1 to 20	PGS51004BSPBO-0/020	PGS51004BSPCB-0/020	PGS51004BSPBO-0/020	PGS51004BSPCB-0/020	PGS51002BSPBO-0/020	PGS51002BSPCB-0/020	PGS51002BSPBO-0/020	PGS51002BSPCB-0/020
		0 to 1	PGS51004BSPBO-00/001	PGS51004BSPCB-00/001	PGS51004BSPBO-00/001	PGS51004BSPCB-00/001	PGS51002BSPBO-00/001	PGS51002BSPCB-00/001	PGS51002BSPBO-00/001	PGS51002BSPCB-00/001
		0 to 2	PGS51004BSPBO-00/002	PGS51004BSPCB-00/002	PGS51004BSPBO-00/002	PGS51004BSPCB-00/002	PGS51002BSPBO-00/002	PGS51002BSPCB-00/002	PGS51002BSPBO-00/002	PGS51002BSPCB-00/002
		0 to 4	PGS51004BSPBO-00/004	PGS51004BSPCB-00/004	PGS51004BSPBO-00/004	PGS51004BSPCB-00/004	PGS51002BSPBO-00/004	PGS51002BSPCB-00/004	PGS51002BSPBO-00/004	PGS51002BSPCB-00/004
100	4"	0 to 7	PGS51004BSPBO-00/007	PGS51004BSPCB-00/007	PGS51004BSPBO-00/007	PGS51004BSPCB-00/007	PGS51002BSPBO-00/007	PGS51002BSPCB-00/007	PGS51002BSPBO-00/007	PGS51002BSPCB-00/007
		0 to 11	PGS51004BSPBO-00/011	PGS51004BSPCB-00/011	PGS51004BSPBO-00/011	PGS51004BSPCB-00/011	PGS51002BSPBO-00/011	PGS51002BSPCB-00/011	PGS51002BSPBO-00/011	PGS51002BSPCB-00/011
		0 to 14	PGS51004BSPBO-00/014	PGS51004BSPCB-00/014	PGS51004BSPBO-00/014	PGS51004BSPCB-00/014	PGS51002BSPBO-00/014	PGS51002BSPCB-00/014	PGS51002BSPBO-00/014	PGS51002BSPCB-00/014
		0 to 20	PGS51004BSPBO-00/020	PGS51004BSPCB-00/020	PGS51004BSPBO-00/020	PGS51004BSPCB-00/020	PGS51002BSPBO-00/020	PGS51002BSPCB-00/020	PGS51002BSPBO-00/020	PGS51002BSPCB-00/020
		0 to 28	PGS51004BSPBO-00/028	PGS51004BSPCB-00/028	PGS51004BSPBO-00/028	PGS51004BSPCB-00/028	PGS51002BSPBO-00/028	PGS51002BSPCB-00/028	PGS51002BSPBO-00/028	PGS51002BSPCB-00/028
		0 to 40	PGS51004BSPBO-00/040	PGS51004BSPCB-00/040	PGS51004BSPBO-00/040	PGS51004BSPCB-00/040	PGS51002BSPBO-00/040	PGS51002BSPCB-00/040	PGS51002BSPBO-00/040	PGS51002BSPCB-00/040
		0 to 70	PGS51004BSPBO-00/070	PGS51004BSPCB-00/070	PGS51004BSPBO-00/070	PGS51004BSPCB-00/070	PGS51002BSPBO-00/070	PGS51002BSPCB-00/070	PGS51002BSPBO-00/070	PGS51002BSPCB-00/070
		0 to 100	PGS51004BSPBO-00/100	PGS51004BSPCB-00/100	PGS51004BSPBO-00/100	PGS51004BSPCB-00/100	PGS51002BSPBO-00/100	PGS51002BSPCB-00/100	PGS51002BSPBO-00/100	PGS51002BSPCB-00/100
		0 to 140	PGS51004BSPBO-00/140	PGS51004BSPCB-00/140	PGS51004BSPBO-00/140	PGS51004BSPCB-00/140	PGS51002BSPBO-00/140	PGS51002BSPCB-00/140	PGS51002BSPBO-00/140	PGS51002BSPCB-00/140
		0 to 200	PGS51004BSPBO-00/200	PGS51004BSPCB-00/200	PGS51004BSPBO-00/200	PGS51004BSPCB-00/200	PGS51002BSPBO-00/200	PGS51002BSPCB-00/200	PGS51002BSPBO-00/200	PGS51002BSPCB-00/200
		0 to 350	PGS51004BSPBO-00/350	PGS51004BSPCB-00/350	PGS51004BSPBO-00/350	PGS51004BSPCB-00/350	PGS51002BSPBO-00/350	PGS51002BSPCB-00/350	PGS51002BSPBO-00/350	PGS51002BSPCB-00/350
		0 to 400	PGS51004BSPBO-00/400	PGS51004BSPCB-00/400	PGS51004BSPBO-00/400	PGS51004BSPCB-00/400	PGS51002BSPBO-00/400	PGS51002BSPCB-00/400	PGS51002BSPBO-00/400	PGS51002BSPCB-00/400
		0 to 500	PGS51004BSPBO-00/500	PGS51004BSPCB-00/500	PGS51004BSPBO-00/500	PGS51004BSPCB-00/500	PGS51002BSPBO-00/500	PGS51002BSPCB-00/500	PGS51002BSPBO-00/500	PGS51002BSPCB-00/500
		0 to 700	PGS51004BSPBO-00/700	PGS51004BSPCB-00/700	PGS51004BSPBO-00/700	PGS51004BSPCB-00/700	PGS51002BSPBO-00/700	PGS51002BSPCB-00/700	PGS51002BSPBO-00/700	PGS51002BSPCB-00/700
		0 to 1000	PGS51004BSPBO-00/1000	PGS51004BSPCB-00/1000	PGS51004BSPBO-00/1000	PGS51004BSPCB-00/1000	PGS51002BSPBO-00/1000	PGS51002BSPCB-00/1000	PGS51002BSPBO-00/1000	PGS51002BSPCB-00/1000



Material : Schedule 40 brass, schedule 40, 80 carbon steel, 304 SS or 316 SS (all types seamless)

Style : 180° coil

Connection : 1/4" NPTM x 1/4" NPTM (or BSP(G)M x BSP(G)M) or
: 1/2" NPTM x 1/2" NPTM (or BSP(G)M x BSP(G)M)

Maximum Operating Pressure : Schedule 40: Brass, carbon steel, 304 SS, 316 SS suitable up to 500 psi at 680°F (360°C)
: Schedule 80: Carbon steel, 304 SS, 316 SS suitable up to 1,650 psi at 630°F (332°C)

O Syphon				
Material	1/4" NPT	1/2" NPT	1/4" BSP(G)	1/2" BSP(G)
Schedule 40 Brass	SYON1440	SYON1240	SYOB1440	SYOB1240
Schedule 40 Carbon Steel	SYON0440	SYON0240	SYOB0440	SYOB0240
Schedule 40 304 SS	SYON504440	SYON504240	SYOB504440	SYOB504240
Schedule 40 316 SS	SYON516440	SYON516240	SYOB516440	SYOB516240
Schedule 80 Carbon Steel	SYON0480	SYON0280	SYOB0480	SYOB0280
Schedule 80 304 SS	SYON504480	SYON504280	SYOB504480	SYOB504280
Schedule 80 316 SS	SYON516480	SYON516280	SYOB516480	SYOB516280
Schedule 160 Carbon Steel	SYON04160	SYON02160	SYOB04160	SYOB02160
Schedule 160 304 SS	SYON5044160	SYON5042160	SYOB5044160	SYOB5042160
Schedule 160 316 SS	SYON5164160	SYON5162160	SYOB5164160	SYOB5162160

U Syphon				
Material	1/4" NPT	1/2" NPT	1/4" BSP(G)	1/2" BSP(G)
Schedule 40 Brass	SYUN1440	SYUN1240	SYUB1440	SYUB1240
Schedule 40 Carbon Steel	SYUN0440	SYUN0240	SYUB0440	SYUB0240
Schedule 40 304 SS	SYUN504440	SYUN504240	SYUB504440	SYUB504240
Schedule 40 316 SS	SYUN516440	SYUN516240	SYUB516440	SYUB516240
Schedule 80 Carbon Steel	SYUN0480	SYUN0280	SYUB0480	SYUB0280
Schedule 80 304 SS	SYUN504480	SYUN504280	SYUB504480	SYUB504280
Schedule 80 316 SS	SYUN516480	SYUN516280	SYUB516480	SYUB516280
Schedule 160 Carbon Steel	SYUN04160	SYUN02160	SYUB04160	SYUB02160
Schedule 160 304 SS	SYUN5044160	SYUN5042160	SYUB5044160	SYUB5042160
Schedule 160 316 SS	SYUN5164160	SYUN5162160	SYUB5164160	SYUB5162160

TP

Test Plug



Body : Brass
 *Lead free brass on request
 Diaphragm/Core : NBR
 Temperature Rating : -40°C to 150°C
 Maximum Pressure Rating : 1,000 psi (6,895 kPa)
 Connection : 1/4" NPT or 1/2" NPT

	Connection	
	1/4" NPTM	1/2" NPTM
Test Plug	TPN14	TPN12
Gauge Adaptor	TPGAN14	TPGAN12
Lead free test plug	LFTPN14	LFTPN12

SN

Snubber

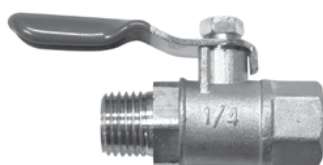


	SS	Brass
Operating Temperature	: -195°C to 815°C	: -53°C to 343°C
Operating Pressure	: Maximum 20,000 psi (137,900 kPa)	: Maximum 10,000 psi (68,950 kPa)
Burst Pressure	: 60,000 psi (413,700 kPa)	: 30,000 psi (206,850 kPa)
Housing	: 316 SS	: Brass (Lead free brass on request)
Snubbing Element	: Sintered, porous type 316 SS	: Sintered, porous type 316 SS

Connection	Heavy Oil	Water	Air
1/4" Brass	1/4" Brass	1/4" Brass	1/4" Brass
1/4" SS	1/4" SS	1/4" SS	1/4" SS
1/2" Brass	1/2" Brass	1/2" Brass	1/2" Brass
1/2" SS	1/2" SS	1/2" SS	1/2" SS

BV1

Mini Ball Valve



Body : #59-1 forged brass
 *Lead free forged brass on request
 Ball : SS
 Gaskets : PTFE
 Handle : Steel, plated, plastic covered

Process Temperature : -23°C to 100°C
 Maximum Operating Pressure : 400 psi (2,758 kPa)
 Connection : 1/4", 1/2" NPT and BSP

Connection	T-Handle	Lever Handle
1/4" NPT X M	BV1TN41	BV1LN41
1/4" BSP X M	BV1TB42	BV1LB42
1/4" NPT F X F	BV1TN43	BV1LN43
1/2" NPT F X M	BV1TN24	BV1LN24
1/2" BSP F X M	BV1TB25	BV1LB25

NV1

Needle Valve



Body : #59-1 forged brass
 *Lead free forged brass on request
 Handle : ABS plastic, dyed red
 O-ring : Rubber
 Shaft : #59-1 forged brass
 *Lead free forged brass on request

Process Temperature : -9°F to 212°F (-23°C to 100°C)
 Maximum Operating Pressure : 400 psi (2,758 kPa)
 Connection : 1/4", 1/2" NPTF and BSP(G)F

Connection	Code
1/4" NPT	NV1N4
1/4" BSP(G)	NV1B4
1/2" NPT	NV1N2
1/2" BSP(G)	NV1B2



THERMOMETER





Scale : Aluminium, black marking
 Case : 4.5" (115 mm), 6" (150 mm) or 8" (200mm) aluminum, anodized gold (*reinforced nylon on request)
 Tube : Glass, cushioned
 Liquid Filling : Organic liquid (red)
 Stem : Brass (SS optional)
 Connection : 1/2" NPT or 1/2" BSP(G)
 Swivel Nut : Brass (SS optional)
 Process Temperature : -40°C to 204°C
 Accuracy : ±2% of full scale

		NPT					
		Straight			Angle		
Stem inch	Range °C	4.5"(110mm)	6"(150mm)	8"(200mm)	4.5"(110mm)	6"(150mm)	8"(200mm)
2"	from -40°C to 40°C	TMGSN24.5-0-40/040	TMGSN26-0-40/040	TMGSN28-0-40/040	TMGAN24.5-0-40/040	TMGAN26-0-40/040	TMGAN28-0-40/040
	from -30°C to 70°C	TMGSN24.5-0-30/070	TMGSN26-0-30/070	TMGSN28-0-30/070	TMGAN24.5-0-30/070	TMGAN26-0-30/070	TMGAN28-0-30/070
	from -10°C to 60°C	TMGSN24.5-0-10/060	TMGSN26-0-10/060	TMGSN28-0-10/060	TMGAN24.5-0-10/060	TMGAN26-0-10/060	TMGAN28-0-10/060
	from -5°C to 80°C	TMGSN24.5-00-5/080	TMGSN26-00-5/080	TMGSN28-00-5/080	TMGAN24.5-00-5/080	TMGAN26-00-5/080	TMGAN28-00-5/080
	0°C to 60°C	TMGSN24.5-000/060	TMGSN26-000/060	TMGSN28-000/060	TMGAN24.5-000/060	TMGAN26-000/060	TMGAN28-000/060
	0°C to 115°C	TMGSN24.5-000/115	TMGSN26-000/115	TMGSN28-000/115	TMGAN24.5-000/115	TMGAN26-000/115	TMGAN28-000/115
	0°C to 150°C	TMGSN24.5-000/150	TMGSN26-000/150	TMGSN28-000/150	TMGAN24.5-000/150	TMGAN26-000/150	TMGAN28-000/150
	10°C to 200°C	TMGSN24.5-010/200	TMGSN26-010/200	TMGSN28-010/200	TMGAN24.5-010/200	TMGAN26-010/200	TMGAN28-010/200

		BSP(G)					
		Straight			Angle		
Stem inch	Range °C	4.5"(110mm)	6"(150mm)	8"(200mm)	4.5"(110mm)	6"(150mm)	8"(200mm)
2"	from -40°C to 40°C	TMGSB24.5-0-40/040	TMGSB26-0-40/040	TMGSB28-0-40/040	TMGAB24.5-0-40/040	TMGAB26-0-40/040	TMGAB28-0-40/040
	from -30°C to 70°C	TMGSB24.5-0-30/070	TMGSB26-0-30/070	TMGSB28-0-30/070	TMGAB24.5-0-30/070	TMGAB26-0-30/070	TMGAB28-0-30/070
	from -10°C to 60°C	TMGSB24.5-0-10/060	TMGSB26-0-10/060	TMGSB28-0-10/060	TMGAB24.5-0-10/060	TMGAB26-0-10/060	TMGAB28-0-10/060
	from -5°C to 80°C	TMGSB24.5-00-5/080	TMGSB26-00-5/080	TMGSB28-00-5/080	TMGAB24.5-00-5/080	TMGAB26-00-5/080	TMGAB28-00-5/080
	0°C to 60°C	TMGSB24.5-000/060	TMGSB26-000/060	TMGSB28-000/060	TMGAB24.5-000/060	TMGAB26-000/060	TMGAB28-000/060
	0°C to 115°C	TMGSB24.5-000/115	TMGSB26-000/115	TMGSB28-000/115	TMGAB24.5-000/115	TMGAB26-000/115	TMGAB28-000/115
	0°C to 150°C	TMGSB24.5-000/150	TMGSB26-000/150	TMGSB28-000/150	TMGAB24.5-000/150	TMGAB26-000/150	TMGAB28-000/150
	10°C to 200°C	TMGSB24.5-010/200	TMGSB26-010/200	TMGSB28-010/200	TMGAB24.5-010/200	TMGAB26-010/200	TMGAB28-010/200

		NPT					
		Straight			Angle		
Stem inch	Range °C	4.5"(110mm)	6"(150mm)	8"(200mm)	4.5"(110mm)	6"(150mm)	8"(200mm)
4"	from -40°C to 40°C	TMGSN44.5-0-40/040	TMGSN46-0-40/040	TMGSN48-0-40/040	TMGAN44.5-0-40/040	TMGAN46-0-40/040	TMGAN48-0-40/040
	from -30°C to 70°C	TMGSN44.5-0-30/070	TMGSN46-0-30/070	TMGSN48-0-30/070	TMGAN44.5-0-30/070	TMGAN46-0-30/070	TMGAN48-0-30/070
	from -10°C to 60°C	TMGSN44.5-0-10/060	TMGSN46-0-10/060	TMGSN48-0-10/060	TMGAN44.5-0-10/060	TMGAN46-0-10/060	TMGAN48-0-10/060
	from -5°C to 80°C	TMGSN44.5-00-5/080	TMGSN46-00-5/080	TMGSN48-00-5/080	TMGAN44.5-00-5/080	TMGAN46-00-5/080	TMGAN48-00-5/080
	0°C to 60°C	TMGSN44.5-000/060	TMGSN46-000/060	TMGSN48-000/060	TMGAN44.5-000/060	TMGAN46-000/060	TMGAN48-000/060
	0°C to 115°C	TMGSN44.5-000/115	TMGSN46-000/115	TMGSN48-000/115	TMGAN44.5-000/115	TMGAN46-000/115	TMGAN48-000/115
	0°C to 150°C	TMGSN44.5-000/150	TMGSN46-000/150	TMGSN48-000/150	TMGAN44.5-000/150	TMGAN46-000/150	TMGAN48-000/150
	10°C to 200°C	TMGSN44.5-010/200	TMGSN46-010/200	TMGSN48-010/200	TMGAN44.5-010/200	TMGAN46-010/200	TMGAN48-010/200

		BSP(G)					
		Straight			Angle		
Stem inch	Range °C	4.5"(110mm)	6"(150mm)	8"(200mm)	4.5"(110mm)	6"(150mm)	8"(200mm)
4"	from -40°C to 40°C	TMGSB44.5-0-40/040	TMGSB46-0-40/040	TMGSB48-0-40/040	TMGAB44.5-0-40/040	TMGAB46-0-40/040	TMGAB48-0-40/040
	from -30°C to 70°C	TMGSB44.5-0-30/070	TMGSB46-0-30/070	TMGSB48-0-30/070	TMGAB44.5-0-30/070	TMGAB46-0-30/070	TMGAB48-0-30/070
	from -10°C to 60°C	TMGSB44.5-0-10/060	TMGSB46-0-10/060	TMGSB48-0-10/060	TMGAB44.5-0-10/060	TMGAB46-0-10/060	TMGAB48-0-10/060
	from -5°C to 80°C	TMGSB44.5-00-5/080	TMGSB46-00-5/080	TMGSB48-00-5/080	TMGAB44.5-00-5/080	TMGAB46-00-5/080	TMGAB48-00-5/080
	0°C to 60°C	TMGSB44.5-000/060	TMGSB46-000/060	TMGSB48-000/060	TMGAB44.5-000/060	TMGAB46-000/060	TMGAB48-000/060
	0°C to 115°C	TMGSB44.5-000/115	TMGSB46-000/115	TMGSB48-000/115	TMGAB44.5-000/115	TMGAB46-000/115	TMGAB48-000/115
	0°C to 150°C	TMGSB44.5-000/150	TMGSB46-000/150	TMGSB48-000/150	TMGAB44.5-000/150	TMGAB46-000/150	TMGAB48-000/150
	10°C to 200°C	TMGSB44.5-010/200	TMGSB46-010/200	TMGSB48-010/200	TMGAB44.5-010/200	TMGAB46-010/200	TMGAB48-010/200

		NPT					
		Straight			Angle		
Stem inch	Range °C	4.5"(110mm)	6"(150mm)	8"(200mm)	4.5"(110mm)	6"(150mm)	8"(200mm)
6"	from -40°C to 40°C	TMGSN64.5-0-40/040	TMGSN66-0-40/040	TMGSN68-0-40/040	TMGAN64.5-0-40/040	TMGAN66-0-40/040	TMGAN68-0-40/040
	from -30°C to 70°C	TMGSN64.5-0-30/070	TMGSN66-0-30/070	TMGSN68-0-30/070	TMGAN64.5-0-30/070	TMGAN66-0-30/070	TMGAN68-0-30/070
	from -10°C to 60°C	TMGSN64.5-0-10/060	TMGSN66-0-10/060	TMGSN68-0-10/060	TMGAN64.5-0-10/060	TMGAN66-0-10/060	TMGAN68-0-10/060
	from -5°C to 80°C	TMGSN64.5-00-5/080	TMGSN66-00-5/080	TMGSN68-00-5/080	TMGAN64.5-00-5/080	TMGAN66-00-5/080	TMGAN68-00-5/080
	0°C to 60°C	TMGSN64.5-000/060	TMGSN66-000/060	TMGSN68-000/060	TMGAN64.5-000/060	TMGAN66-000/060	TMGAN68-000/060
	0°C to 115°C	TMGSN64.5-000/115	TMGSN66-000/115	TMGSN68-000/115	TMGAN64.5-000/115	TMGAN66-000/115	TMGAN68-000/115
	0°C to 150°C	TMGSN64.5-000/150	TMGSN66-000/150	TMGSN68-000/150	TMGAN64.5-000/150	TMGAN66-000/150	TMGAN68-000/150
10°C to 200°C	TMGSN64.5-010/200	TMGSN66-010/200	TMGSN68-010/200	TMGAN64.5-010/200	TMGAN66-010/200	TMGAN68-010/200	

		BSP(G)					
		Straight			Angle		
Stem inch	Range °C	4.5"(110mm)	6"(150mm)	8"(200mm)	4.5"(110mm)	6"(150mm)	8"(200mm)
6"	from -40°C to 40°C	TMGSB64.5-0-40/040	TMGSB66-0-40/040	TMGSB68-0-40/040	TMGAB64.5-0-40/040	TMGAB66-0-40/040	TMGAB68-0-40/040
	from -30°C to 70°C	TMGSB64.5-0-30/070	TMGSB66-0-30/070	TMGSB68-0-30/070	TMGAB64.5-0-30/070	TMGAB66-0-30/070	TMGAB68-0-30/070
	from -10°C to 60°C	TMGSB64.5-0-10/060	TMGSB66-0-10/060	TMGSB68-0-10/060	TMGAB64.5-0-10/060	TMGAB66-0-10/060	TMGAB68-0-10/060
	from -5°C to 80°C	TMGSB64.5-00-5/080	TMGSB66-00-5/080	TMGSB68-00-5/080	TMGAB64.5-00-5/080	TMGAB66-00-5/080	TMGAB68-00-5/080
	0°C to 60°C	TMGSB64.5-000/060	TMGSB66-000/060	TMGSB68-000/060	TMGAB64.5-000/060	TMGAB66-000/060	TMGAB68-000/060
	0°C to 115°C	TMGSB64.5-000/115	TMGSB66-000/115	TMGSB68-000/115	TMGAB64.5-000/115	TMGAB66-000/115	TMGAB68-000/115
	0°C to 150°C	TMGSB64.5-000/150	TMGSB66-000/150	TMGSB68-000/150	TMGAB64.5-000/150	TMGAB66-000/150	TMGAB68-000/150
10°C to 200°C	TMGSB64.5-010/200	TMGSB66-010/200	TMGSB68-010/200	TMGAB64.5-010/200	TMGAB66-010/200	TMGAB68-010/200	

TM19

Thermometer



- Scale : 9"(230mm) aluminium or Valox case, impact resistant
- Lens : Glass (polycarbonate available)
- Connection : 3/4" NPT with thermowell (other thread types are available)
1 1/4" - 18 UNEF swivel nut (no thermowell)
- Scales : Aluminum, painted white with black marking
- Bulb Chamber : Tapered cast aluminum with graphite fill
- Thermowell : 3/4" Brass, separable socket (*SS optional on request)
*3/4" Brass, separable socket on request (other thermowells and thread types are available)
- Accuracy : ±1%

		NPT			
		Aluminum Case		Valox	
Stem inch	Range °C	4.5"(110mm)	6"(150mm)	8"(200mm)	4.5"(110mm)
9"	from -40°C to 40°C	TMIAN93.5-0-40/040	TMIAN96-0-40/041	TMIVN93.5-0-40/040	TMIVN96-0-40/041
	from -15°C to 50°C	TMIAN93.5-0-15/050	TMIAN96-0-15/050	TMIVN93.5-0-15/050	TMIVN96-0-15/050
	from -15°C to 70°C	TMIAN93.5-0-15/070	TMIAN96-0-15/070	TMIVN93.5-0-15/070	TMIVN96-0-15/070
	0°C to 80°C	TMIAN93.5-000/080	TMIAN96-000/080	TMIVN93.5-000/080	TMIVN96-000/080
	0°C to 115°C	TMIAN93.5-000/115	TMIAN96-000/115	TMIVN93.5-000/115	TMIVN96-000/115
	0°C to 150°C	TMIAN93.5-000/150	TMIAN96-000/150	TMIVN93.5-000/150	TMIVN96-000/150

TMI5

Thermometer



Scale : Aluminum, painted white with black markings
 Lens : Glass
 Case : 5" (127mm) black ABS
 Tube : Glass, cushioned
 Stem : Brass
 Thermowell : Brass 1/2" NPT standard, (3/4" and SS optional)
 *Lead free brass 1/2" NPT on request (3/4" optional)
 Operating Pressure : Maximum 710 psi (4,895 kPa)
 Accuracy
 Ambient Temperature : -40°C to 50°C
 Process Temperature : -40°C to 204°C
 Accuracy : ±2% of full scale

Stem mm	Range °C	Straight	Angle
5"	from -40°C to 40°C	TMISN5-0-40/040	TMIAN5-0-40/041
	from -5°C to 80°C	TMISN5-00-5/080	TMIAN5-00-5/081
	0°C to 115°C	TMISN5-000/115	TMIAN5-000/115
	0°C to 150°C	TMISN5-000/150	TMIAN5-000/150
	0°C to 200°C	TMISN5-000/200	TMIAN5-000/200

Connection	Straight	Angle
1/2" NPT-Standard (included with thermometer)	Brass	TMI5B2
1/2" NPT-Optional	304 SS	TMI5S2
3/4" NPT-Optional	Brass	TMI5B4
3/4" NPT-Optional	304 SS	TMI5S4

Hot Water Thermometer



Dial Type

Dial : 2"(50mm), 2.5"(63mm) aluminum, painted white with black and red markings
 Case : Aluminum
 Lens : Glass
 Ring : Steel, chrome plated
 Thermowell : Brass(HPB59-1), 1/2" NPT standard, separable
 *Lead free brass, 1/2" NPT standard, separable on request
 Stem : Brass
 Sensing Element : Bi-metallic element
 Pointer : Aluminum, painted black

Dial Size		Range °C	Connection	
inch	mm		1/2" NPT centre back	3/4" Sweatwell
2"	50	0°C to 120°C	TMHDN50-000/120	
2.5"	63	0°C to 120°C	TMHDN63-000/120	TMHDS63-000/120



Scale Type

Scale/Case : 8" (200mm) scale with steel case, painted white with black markings
 Sensing Liquid : Organic fluid
 Thermowell : Brass (HPB59-1), 1/2" NPT standard, separable
 *Lead free brass, 1/2" NPT standard, separable

Dial Size		Range °C	Connection	
inch	mm		Straight	Angle
8"	200	5°C to 135°C	TMHSS200-005/135	TMHAS200-005/135

Connection	Material	Code
1/2" NPT (for TMHDN50-000/120)	Lead Free Brass	TMHDNLB50
1/2" NPT (for TMHDN63-000/120)	Lead Free Brass	TMHDNLB63
1/2" (for TMHDS63-000/120)	Lead Free Brass	TMHDSL63
1/2" NPT (for TMHSS200-005/135 & TMHAS200-005/135)	Lead Free Brass	TMHSNLB63

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