

Product Catalogue

Industrial/Commercial Water Products



WATTS®



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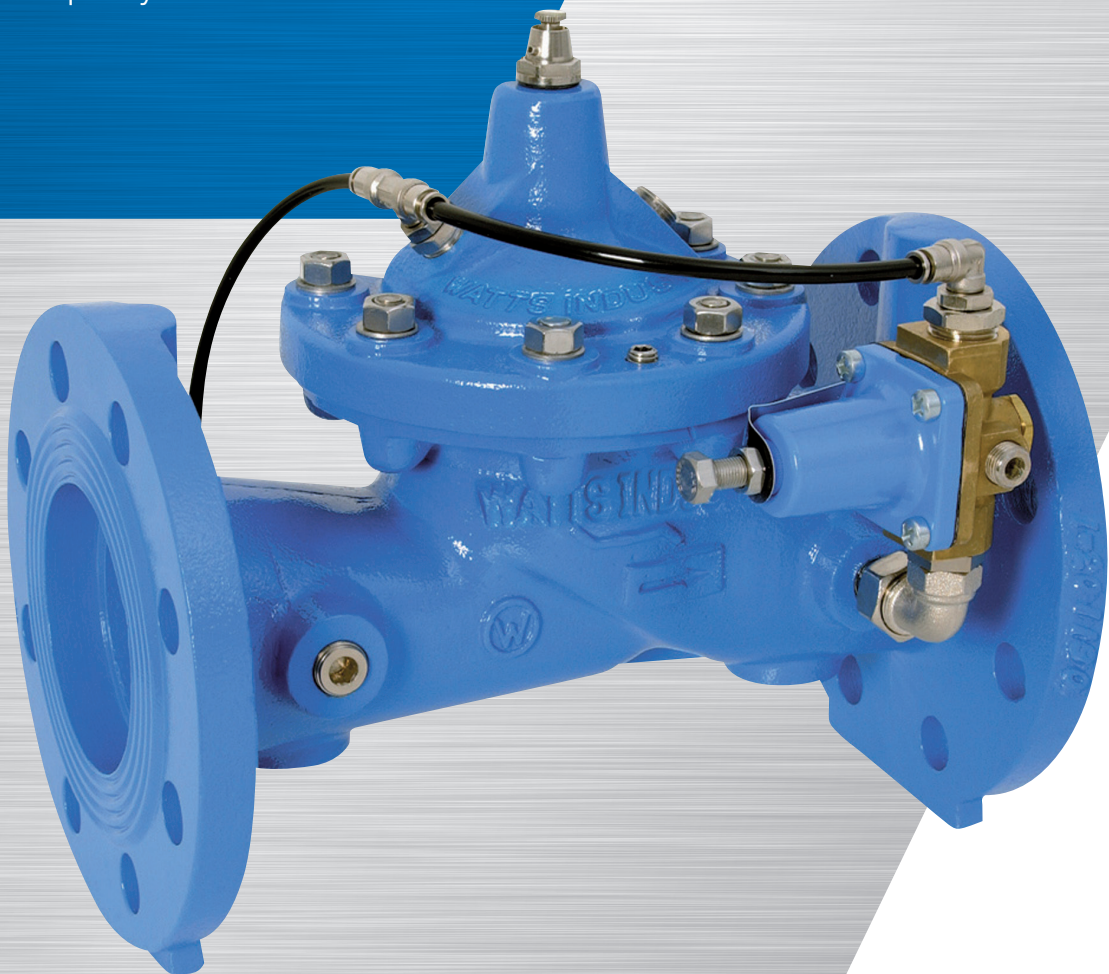
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INDUSTRIAL & COMMERCIAL WATER PRODUCTS

SOCCLA

Watts Industries provide the most comprehensive range of valves for water supply and distribution. Utilising the renowned Watts brands such as Socla and Watts, we offer the most complete range of fluid management products all manufactured to the highest quality and standards.



BACKFLOW PREVENTION

Devices which provide sufficient protection against backflow to meet the requirements of the Water Supply (Water Fittings) Regulations 1999 (England & Wales), The Water Supply (Water Fittings) (Scotland) Byelaws 2014 and the Water Supply (water Fittings) Regulations (Northern Ireland) 2009.

BA 4760 Drinking Water Backflow Preventor (RPZ Valve)

Type BA - Flanged Cat Risk 4 - Verifiable Backflow Preventor with Reduced Pressure Zone

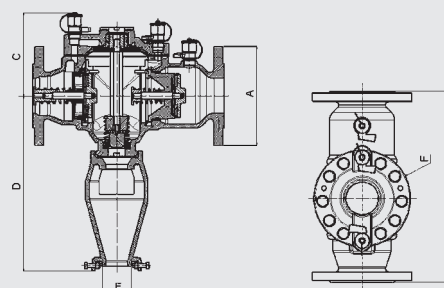


Pressure rating 10 bar. Max temp. 65°. Backflow Preventor with Verifiable Reduced Pressure Zone with Funnel Attached. Cast Iron with Epoxy Coating Casing. BA4760 Valves. Valve Head in DZR Brass or Bronze and Valve Seat in PPO or Bronze. EPDM/Silicone Seals. Stainless Steel Spring. Horizontal Installation. EN1717, EN12729.



TYPE	PRODUCT CODE	SIZE	FLANGE
BA 4760	149B3486	DN65	PN10/16
BA 4760	149B3097	DN80	PN10/16
BA 4760	149B3098	DN100	PN10/16
BA 4760	149B3400	DN150	PN10/16
BA 4760	149B3401	DN200	PN10
BA 4760	149B3402	DN250	PN10

DN "	A MM	B MM	C MM	D MM	E MM	F MM	WEIGHT KG	MAX. ACCEPTABLE TORQUES (NM)
3	80	200	440	173	337	63	200	29.5
4	100	220	530	201	434	80	255	58.0
6	150	285	630	230	456	80	310	83.5
8	200	340	763	272	499	80	390	141.0
10	250	395	763	272	499	80	390	151.0



EC 453/453 Drinking Water Backflow Preventor (Double Check)

Type EC - Flanged Cat Risk 3 (for Above Ground Use) Verifiable Double Check Valve

Pressure rating 16 bar (DN200, DN250 10 bar). Max temp. 65°. Double check valves made with 2 check valves coupled together. WRAS approved type EA453. EN1717, EN13959. PN10 is available for 200 and 250mm on request.

TYPE	PRODUCT CODE	SIZE	FLANGE
EC 453/453	149B99917	DN40/50	PN10/16
EC 453/453	149B99918	DN65	PN10/16
EC 453/453	149B99919	DN80	PN10/16
EC 453/453	149B99920	DN100	PN10/16
EC 453/453	149B99921	DN150	PN10/16
EC 453/453	149B99955	DN200	PN16
EC 453/453	149B99959	DN250	PN16



BACKFLOW PREVENTION

EA453 Drinking Water Backflow Preventor (Single Check)

Type EA - Flanged Cat Risk 2 (For Above Ground Use) - Verifiable Single Check Valve.

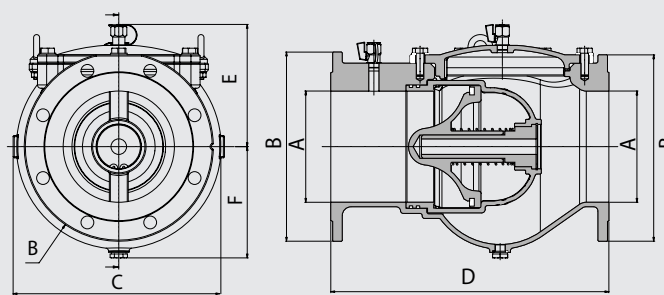


Pressure rating 16 bar (DN200, DN250 10 bar). Max temp. 100°. Ductile Iron With External/Internal Epoxy Coating Casing. 2 Drilled Bosses + Test Cock 1/2" 1 Drilled Bosses + 1 Drain Plug 1/2" (Except Dn40/50 : 1/4"). **DZR Brass Closing System** and Shaft. Brass Valves and Plug. Stainless Steel Seat and Spring. EN1717, EN13959. PN10 is available for 200 and 250mm on request.

TYPE	PRODUCT CODE	SIZE	FLANGE
EA453	149B3831W	DN40/50	PN10/16
EA453	149B3832W	DN65	PN10/16
EA453	149B3833W	DN80	PN10/16
EA453	149B3834W	DN100	PN10/16
EA453	149B3836W	DN150	PN10/16
EA453	149B24871W	DN200	PN16
EA453	149B99957	DN250	PN16



DNA	B	C	D	E	F	WEIGHT
MM	MM	MM	MM	MM	MM	KG
40/50	65	-	200	113	80	8
65	185	-	240	118	93	12
80	200	-	260	131	98	15
100	222	-	300	141	115	21
150	285	-	400	197	144	42
200	340	380	500	220	200	65
250	400	438	600	256	235	94



CHECK VALVES

402B/402 Drinking Water Check Valve (Double Check/NRV)**Flanged - Predates Current Regulations**

Pressure rating 16 bar (DN200, DN280, DN300 10 bar). Max temp. 100°. A double check valve composed of 2 standard range WRAS approved single non return valves, type 402, coupled together. 350mm and 400mm available on request.

TYPE	PRODUCT CODE	SIZE	FLANGE
402B/402	149B16023	DN50	PN10/16
402B/402	149B16024	DN65	PN10/16
402B/402	149B16025	DN80	PN10/16
402B/402	149B16026	DN100	PN10/16
402B/402	149B16028	DN150	PN10/16
402B/402	149B22024	DN200	PN16
402B/402	149B20017	DN250	PN16
402B/402	149B21124	DN300	PN16

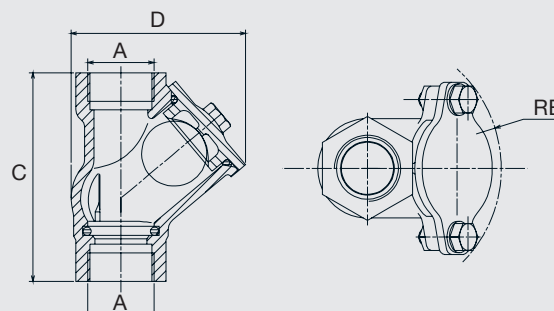
**508 Ball Type Non Return Valve for Water, Waste Water Loaded Liquids****Cast Iron Body Resin Ball BSP**

Pressure rating 10 bar. Max temp. 80°. GJL Cast Iron External Epoxy Coated Casing. Resin Ball. NBR (Nitrile) Seal.

TYPE	PRODUCT CODE	SIZE	MM
508	149B3204	DN1 1/2"	10
508	149B3205	DN2"	10
508	149B3206	DN2 1/2"	10



A	RB	C	D	WEIGHT	
"	MM	MM	MM	KG	
1	26/34	76	114	95	1.3
1 1/4	33/42	85	132	110.5	1.9
1 1/2	40/49	93	145	121	2.45
2	50/60	107	173.5	144	3.5
2 1/2	66/76	127	200	174.5	5.90



CHECK VALVES

402 Drinking Water Check Valve (Single Check/NRV) Flanged - Predates Current Regulations

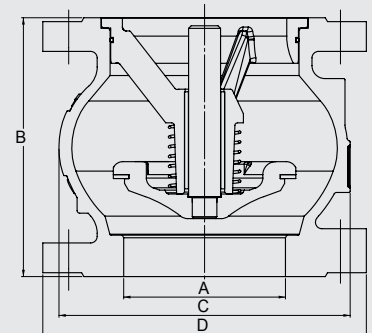


Pressure rating 16 bar (DN200, DN250, DN300 10 bar). Max temp. 100°. GJL cast iron, epoxy coated casing.
2 undrilled bosses. EPDM Seal. Stainless Steel. Type 402 Closing System DN 40 Brass, DN 50 and 65 bronze.
Other DN: Cast iron with Bronze Stem. Note: DN200, DN250 and DN300 not WRAS approved.

TYPE	PRODUCT CODE	SIZE	FLANGE
402	149B2282	DN50	PN10/16
402	149B2283	DN65	PN10/16
402	149B2284	DN80	PN10/16
402	149B2285	DN100	PN10/16
402	149B2226	DN125	PN10/16
402	149B2227	DN150	PN10/16
402	149B002849	DN200	PN16
402	149B002851	DN250	PN16
402	149B002853	DN300	PN16



A	B	C	D	WEIGHT
"	MM	MM	MM	KG
2	50	100	97	5.8
2 1/4	65	120	125	8.1
3	80	140	150	10.2
4	100	170	187	14.5
5	125	200	220	24
6	150	230	250	32
8	200	289	340	53
10	250	354	420	94
12	300	396	490	140



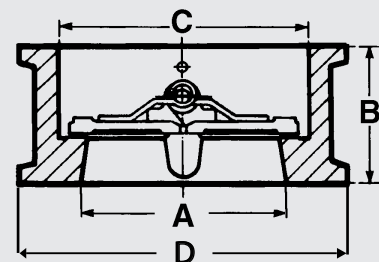
895 Double Plate (Duo Type) Non Return Valve Stainless Plates - Between Flange PN10-16

Pressure rating 16 bar. Max temp. 100°. GJL Cast Iron Epoxy Coated Body (DN50 to 150)GJS Ductile Iron Epoxy Coated (DN200 to 400). Stainless Steel Plates (304). EPDM Seal. Stainless Steel Spring.

TYPE	PRODUCT CODE	SIZE	FLANGE
895	149B3220	DN50	PN10/16
895	149B3221	DN65	PN10/16
895	149B3222	DN80	PN10/16
895	14B3223	DN100	PN10/16
895	149B3224	DN125	PN10/16
895	149B3225	DN150	PN10/16
895	149B3226	DN200	PN16



A	B	C	D	WEIGHT
"	MM	MM	MM	KG
2	50	54	60	1.2
2 1/2	65	54	73	1.8
3	80	57	89	2.9
4	100	64	114	3.9
5	125	70	141	5.8
6	150	76	168	8
8	200	95	219	14



CHECK VALVES

635E Single Plate Non Return Valve

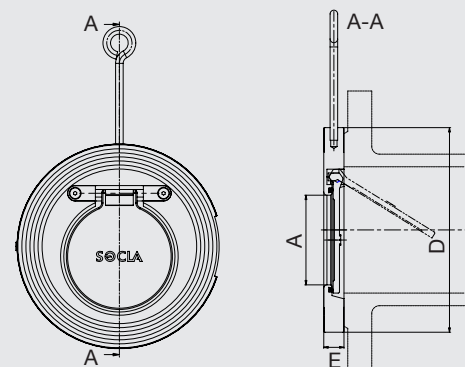
Coated Steel Plate - Between Flanges PN10

Pressure rating 16 bar (DN200 10 bar). Max temp. 110°. Steel Cataphoresis Coated Body & Plate.
EPDM Seal on Seat.

TYPE	PRODUCT CODE	SIZE	FLANGE
635E	149G3551	DN50	PN10
635E	149G3552	DN65	PN10
635E	149F021283	DN80	PN10
635E	149F021284	DN100	PN10
635E	149F021285	DN125	PN10
635E	149F021286	DN150	PN10
635E	149F021287	DN200	PN10



DN MM	A MM	D MM	E MM	WEIGHT KG
50	32	109	16	1,000
65	42	129	16	1,500
80	54	144	16	1,750
100	71	162	16	2,100
125	95	194	16	2,700
150	114	220	19	4,400
200	164	275	28	7,000



STRAINERS

Y333 Y Type Strainer - Flanged

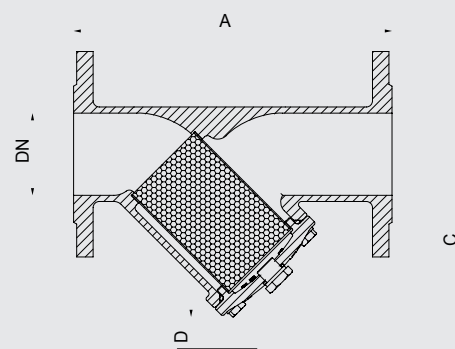
Pressure rating 16 bar (DN200 10 bar). Max temp. 100°. GJL Cast Iron Epoxy Coated Int/Ext Water Filters.
DN40 to 65 / GJS Ductile Iron Epoxy Coated Int/Ext Dn80 to 400°. Stainless Steel Strainer. Internal /
External Epoxy Coating. Delivered with Plug G 1/2" (DN40 to 150) and G 3/4" (DN200 to 400).



TYPE	PRODUCT CODE	SIZE	MICRON	FLANGE
Y333	149B3261	DN50	500	PN10/16
Y333	149B3262	DN65	800	PN10/16
Y333	149B3263	DN80	1250	PN10/16
Y333	149B3264	DN100	1250	PN10/16
Y333	149B3265	DN125	1250	PN10/16
Y333	149B3266	DN150	1250	PN10/16
Y333	149B23119	DN200	1250	PN16



DN "	MM	A MM	C MM	D MM	MESH MM	WEIGHT KG
2	50	230	145	50	0,50	8,5
2 1/2	65	290	137	65	0,80	9.8
3	80	310	159	75	1,25	13,5
4	100	350	187	90	1,25	18
5	125	400	249	125	1,25	27,5
6	150	480	301	170	1,25	43
8	200	600	403	220	1,60	112



INDUSTRIAL & COMMERCIAL WATER PRODUCTS

PRESSURE REDUCING VALVES

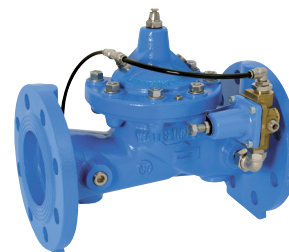
PR500 Pilot Operated Pressure Reducing Valve

Flanged Standard Range, Other Flange Drillings Available

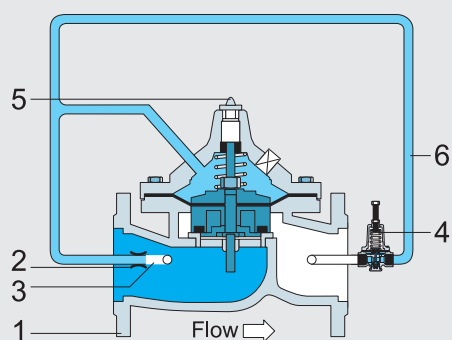


Pressure reducing valve pilot operated. Designed to reduce a higher upstream pressure to a constant lower downstream pressure. Easy to install and adjustable outlet pressure. Ductil Iron Body GGG40. Internal and External Epoxy Finish. Diaphragm: NBR. Max working temperature: + 70°C. Nominal Pressure: PN 16, 25. Adjustment range of pilot: Standard: 1,4 - 12 bar. On Request: 0,1 - 2 Bar, 7 - 21 Bar. Fluid: Water.

TYPE	PRODUCT CODE	SIZE	FLANGE
PR500	500050549	DN50	PN16
PR500	500065549	DN65	PN16
PR500	500080549	DN80	PN16
PR500	500100549	DN100	PN16
PR500	500125549	DN125	PN16
PR500	500150549	DN150	PN16
PR500	500200549	DN200	PN10
PR500	500250549	DN250	PN10

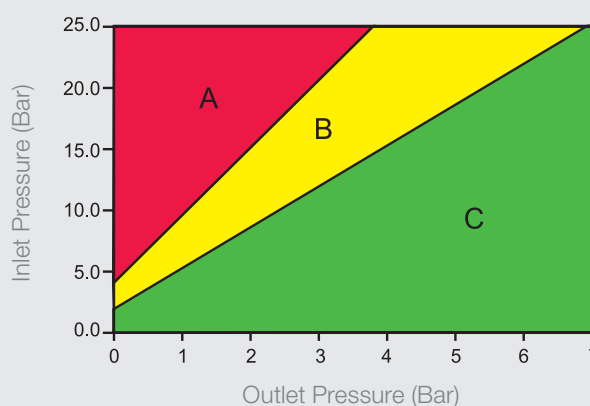


TECHNICAL NOTE



PR500

- 1. Body & Cover
- 2. Fixed Orifice
- 3. Flow Strainer
- 4. Pilot Valve
- 5. Air Vent
- 6. Flexible Tubing



Example: 15 bar upstream, 1 bar downstream = cavitation, unauthorised
10 bar upstream, 4 bar downstream = no cavitation, authorized

ISOLATION/BUTTERFLY VALVES

Sylax Wafer Type Butterfly Valve Cast Iron Body 316 Stainless Disc EPDM Liner

Designed in accordance with EN593, EN558, Class 20.



TYPE	PRODUCT CODE	SIZE	OPERATIONAL TYPE
Skylax Wafer	149G011266	DN50	Lever Handle
Skylax Wafer	149G011287	DN65	Lever Handle
Skylax Wafer	149G011297	DN80	Lever Handle
Skylax Wafer	149G011316	DN100	Lever Handle
Skylax Wafer	149G011334	DN125	Lever Handle
Skylax Wafer	149G059260	DN150	Lever Handle
Skylax Wafer	149G016281	DN200	Lever Handle
Skylax Wafer	149G080130	DN250	Manual Gearbox
Skylax Wafer	149G079120	DN300	Manual Gearbox

Sizes available up to DN1200. Other trim and liners available.

**Sylax Lug Type Butterfly Valve Cast Iron (Dn50-15) or Ductile Iron (DN200-300)**

All come with 316 Stainless Steel Disc EPDM Liner

Designed in accordance with EN593, EN558, Class 20.



TYPE	PRODUCT CODE	SIZE	OPERATIONAL TYPE
Sylax Lug	149G028008	DN50	Lever Handle
Sylax Lug	149G011686	DN65	Lever Handle
Sylax Lug	149G011691	DN80	Lever Handle
Sylax Lug	149G011696	DN100	Lever Handle
Sylax Lug	149G028007	DN125	Lever Handle
Sylax Lug	149G028006	DN150	Lever Handle
Sylax Lug	149G42492	DN200	Lever Handle
Sylax Lug	149G079473	DN250	Manual Gearbox
Sylax Lug	149G079472	DN300	Manual Gearbox

Sizes available up to DN600. Flanged valves also available. Other trim and liners available.



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