

Water pressure reducers/water filters

Inline pressure regulators non-adjustable for water

4 l/min

Function: Not resettable, preset pressure regulator

Materials: Housing: Brass nickel-plated, internal parts: Brass and stainless steel, seals: NBR

Temperature range: 0°C to max. +60°C

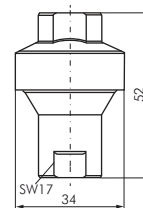
Input pressure: Max. 10 bar, up to 4 l/min (at 0.8 bar pressure loss)

Media: Water

Optional: For use with air: From page 540

Advantages: • The pressure which has been set cannot be altered

Type	Thread	Output pressure	Press. tolerance
iLDR 14-1 W	G 1/4"	1 bar	± 0.3 bar
iLDR 14-2 W	G 1/4"	2 bar	± 0.3 bar
iLDR 14-3 W	G 1/4"	3 bar	± 0.3 bar
iLDR 14-4 W	G 1/4"	4 bar	± 0.4 bar
iLDR 14-5 W	G 1/4"	5 bar	± 0.5 bar
iLDR 14-6 W	G 1/4"	6 bar	± 0.6 bar
iLDR 14-7 W	G 1/4"	7 bar	± 0.7 bar
iLDR 14-8 W	G 1/4"	8 bar	± 0.8 bar



Water pressure regulators for high pressures

up to 40 bar

Version: Not resettable (without relieving system)

Materials: Body: Brass, diaphragms and seals: NBR

Temperature range: 0°C to max. +90°C

Input pressure: Max. 40 bar

Pressure gauge connection: G 1/4", panel thread: DRW 1140 G: M 20 x 1.5, DRW 3340 G: M 28 x 1.5

Media: Water

Optional: Other regulation ranges: 0.5 - 6 bar -6, 0.5 - 16 bar -16, 0.5 - 25 bar -25

Type	Thread	D	L	H	H1	Pressure regula. range	Pressure gauge display	Mounting bracket	Panel union nut
Flow 2.5 l/min*									
DRW 1140	G 1/4"	36	45	104	23	0.5 - 10 bar	0 - 16 bar	BW 1040	SM 1040
Flow 15 l/min*									
DRW 3340	G 1/2"	67	72	145	30	0.5 - 10 bar	0 - 16 bar	BW 3040	SM 3040
Flow 24 l/min*									
DRW 5540	G 1"	116	83	216	41	0.5 - 10 bar	0 - 16 bar	BW 5040	---
Flow 56 l/min*									
DRW 7740	G 1 1/2"	116	114	240	50	0.5 - 10 bar	0 - 16 bar	BW 5040	---

* measured at P₁ = 7 bar, P₂ = 6 bar, Δp = 1 bar

Order example: DRW 1140 **

Regulation range

0.5 - 6 bar-6 0.5 - 25 bar-25
0.5 - 16 bar-16

Standard type

Input pressure up to max. 40 bar!



Strainers

up to 20 bar

Materials: Brass, seal: NBR, replacement filter: AISI 304

Mesh size: 0.5 mm (G 2 1/2" - 4": 0.8 mm), temperature range: -20°C to max. +110°C

Operating range: Water (no steam), neutral, gaseous and non-aggressive, liquid media, mineral oils, compressed air

Optional: 0.2 mm mesh size (only type brass) -F

Type brass	Type brass nickel-plate	G	L	H	PN	Replace. filter 0.5 mm/0.8 mm	Replace. filter 0.2 mm	D	T
SF 14	SF 14 MSV	G 1/4"	55	40	20 bar	SFEI 143812 ES	...-F	18	32.0
SF 38	SF 38 MSV	G 3/8"	55	40	20 bar	SFEI 143812 ES	...-F	18	32.0
SF 12	SF 12 MSV	G 1/2"	58	40	20 bar	SFEI 143812 ES	...-F	18	32.0
SF 34	SF 34 MSV	G 3/4"	70	48	20 bar	SFEI 34 ES	...-F	24	41.0
SF 10	SF 10 MSV	G 1"	87	56	20 bar	SFEI 10 ES	...-F	30	47.0
SF 114	SF 114 MSV	G 1 1/4"	96	64	20 bar	SFEI 114 ES	...-F	36	50.0
SF 112	SF 112 MSV	G 1 1/2"	106	73	20 bar	SFEI 112 ES	...-F	42	57.0
SF 20	SF 20 MSV	G 2"	126	89	20 bar	SFEI 20 ES	...-F	53	70.0
SF 212*	---	G 2 1/2"	150	107	16 bar	SFEI 212 ES*	...-F	63	83.0
SF 30*	---	G 3"	169	120	16 bar	SFEI 30 ES*	...-F	74	89.5
SF 40*	---	G 4"	219	161	16 bar	SFEI 40 ES*	...-F	102	129.5

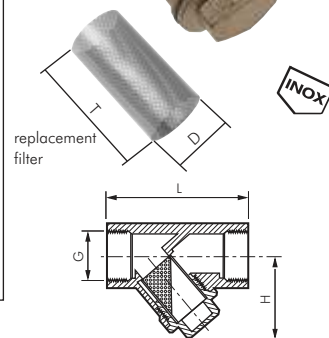
* 0.8 mm mesh size

Order example: SF 14 **

Designation for the options:

0.2 mm mesh size-F

Standard type



Stainless steel strainers

Eco-Line/PN 40

Materials: AISI 316, screen: AISI 316

Mesh size: 1.0 mm, temperature range: -20°C to max. +200°C

Optional: 0.6 mm mesh size -F, certificate 3.1

Type	G	L	H	Replace. filter 1.0 mm	Replace. filter 0.6 mm	D	T
SF 14 ES E	G 1/4"	65	46.5	SFEH 143812 ES	...-F	19	28
SF 38 ES E	G 3/8"	65	46.5	SFEH 143812 ES	...-F	19	28
SF 12 ES E	G 1/2"	65	46.5	SFEH 143812 ES	...-F	19	28
SF 34 ES E	G 3/4"	80	54.0	SFEH 34 ES	...-F	24	39
SF 10 ES E	G 1"	90	67.0	SFEH 10 ES	...-F	32	48
SF 114 ES E	G 1 1/4"	105	74.0	SFEH 114 ES	...-F	36	53
SF 112 ES E	G 1 1/2"	120	81.5	SFEH 112 ES	...-F	44	63
SF 20 ES E	G 2"	140	95.0	SFEH 20 ES	...-F	54	75
SF 212 ES E	G 2 1/2"	180	121.0	SFEH 212 ES	...-F	70	99
SF 30 ES E	G 3"	200	138.0	SFEH 30 ES	...-F	85	107

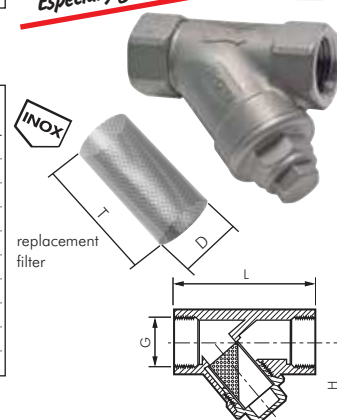
Order example: SF 14 ES E **

Designation for the options:

0.6 mm mesh size-F

Standard type

Especially good value!



All data are considered to be unbinding reference values. We accept no liability for data selection that is not confirmed in writing. Pressure data refer, if not otherwise indicated, to liquids of Group II at +20°C.