Codification

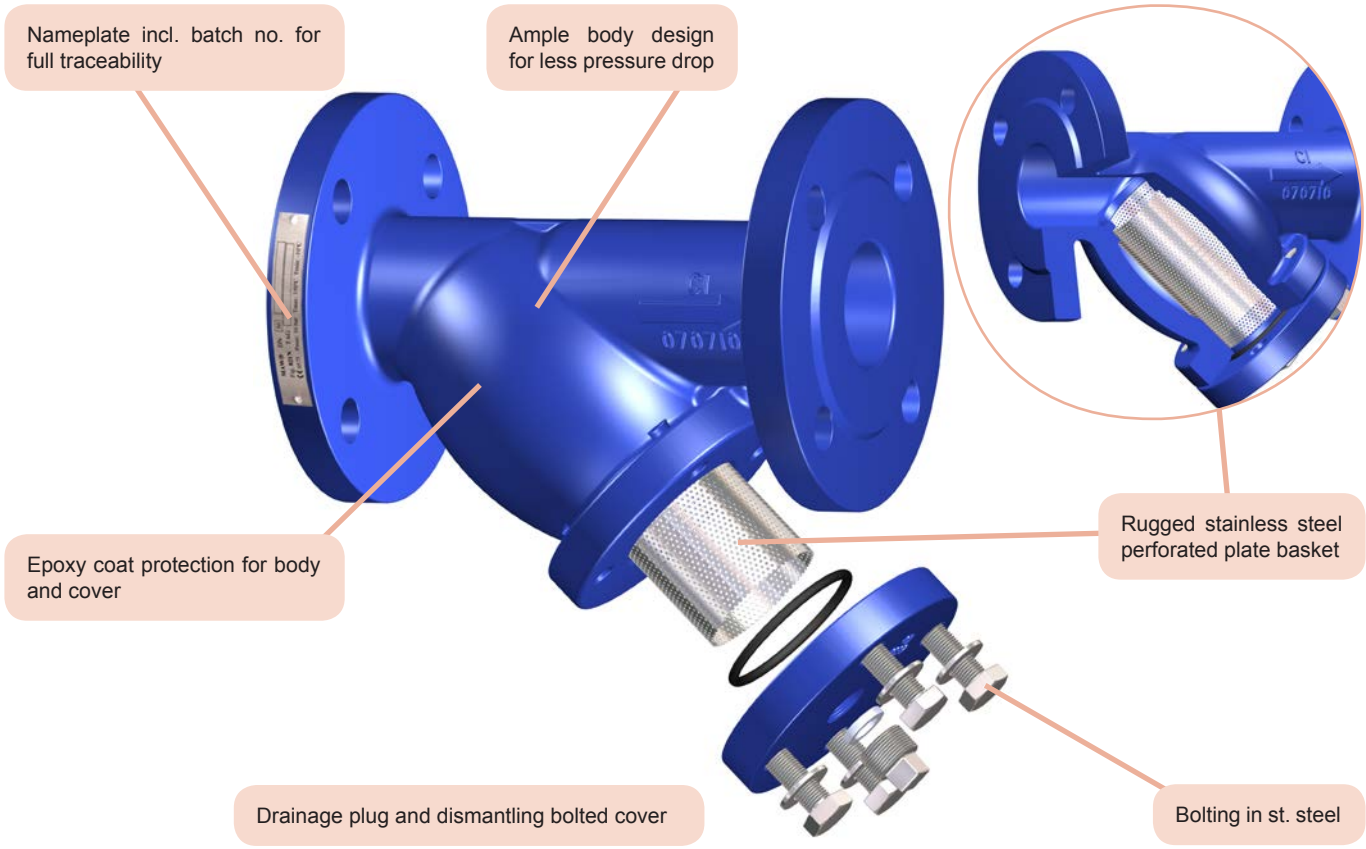
1	2	3	4	5	6	7	8	9	10	11	12	13	14
6	3	0	W	0	G	0	0	0	0	0	0	5	0

1-2-3-4	630W	Y-strainers series 630W
5	0	NBR gaskets
	E	EPDM gaskets
6	0	EN-JL1040 (GG25)
	G	EN-JS1050 (GG50)
9-10	00	PN16
	25	PN25
12-13-14	040	DN40
	050	DN50
	...	DN...

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Design Attributes

UNIWAT® Y-Strainers type 630W are devices for mechanically removing solids from flowing media by means of a perforated basket, replaceable in line, especially designed for water works and hvac applications. They combine a rugged design with a reasonable cost. The strainers are provided with epoxy protection against environmental or media aggression. Castings are also available in large sizes, with better strength compared to usual weded fabricated design.



Main Features

Valve design: EN 12516
Nominal pressure: PN16
Face to face length: EN 558 S1 (DIN 3202 F1)
Valve end connections: Flanged to EN 1092-2 type 21/B PN16 (*valves DN65 with 4 holes as accepted variant in standard*)
Marking: EN 19
Pressure Tests: EN 12266-1
Standard basket perforation 1,2 mm for DN15-50; 1,6 mm for DN65-150; 3,1 mm for DN200-600
Inside and outside epoxy coating protection blue color similar to RAL5005. Min. average thickness 250 microns
Product compliant with Directive 2014/68/EU on Pressure Equipment (PED)

Main Duties / Limits of use

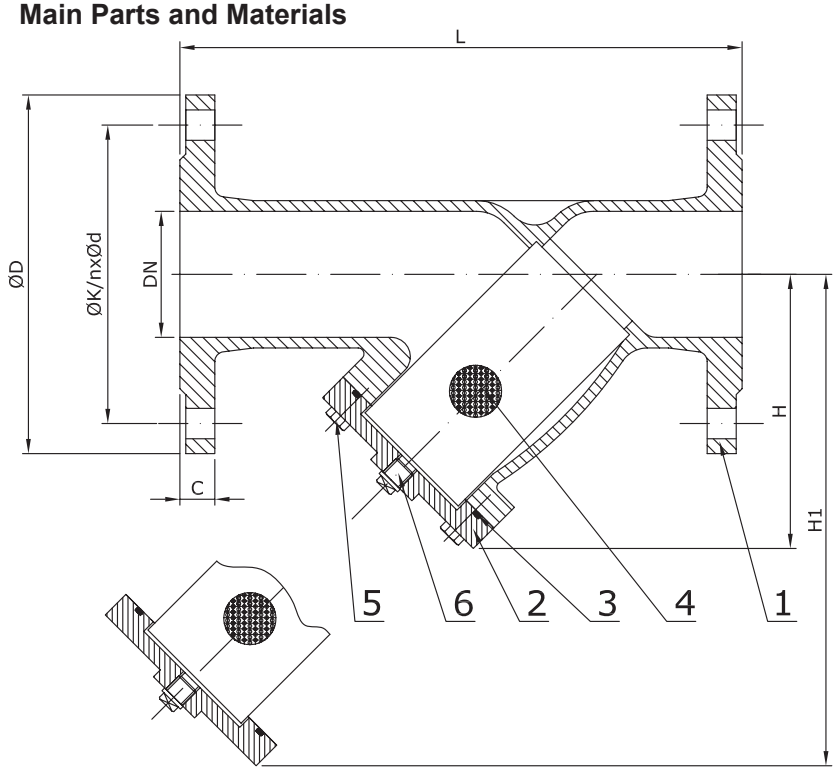
Fresh water and neutral liquids of group 2*, acc. to Directive 2014/68/EU, Annex II table 9 up to category I
Table 9: PS 16 bar DN15-600 (Art.4-Parr.3 DN15-300)
TS: -10/80ºC with NBR gasket; -10/120ºC with EPDM gasket
Questions referring to chemical resistance, please consult us
**Classification of fluids (group 2) acc. to Directive 2014/68/EU, Article 13*

Options

Drinking water approvals, higher service temperatures, other basket perforations, special basket for vacuum service or in suction side of pumps, etc. Other designs and approvals. Please consult us

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Main Parts and Materials



Nº	PART		MATERIAL
1	BODY	630W_0_	Cast iron EN-JL1040 (GG25)
		630W_G_	Ductile iron EN-JS1050 (GGG50)
2	COVER	630W_0_	Cast iron EN-JL1040 (GG25)
		630W_G_	Ductile iron EN-JS1050 (GGG50)
3	GASKET	630W0_	NBR
		630WE_	EPDM
4	SCREEN		St. steel SS304
5	BOLTS		St. steel A2-70
6	DRAINING PLUG		St. steel SS304

Main Valve Parameters

DN	15	20	25	32	40	50	65	80	100
L	130	150	160	180	200	230	290	310	350
C	16	18	18	18	19	19	19	19	19
H	80	91	105	124	120	142	178	200	225
H1	130	146	175	210	175	192	232	265	323
ØD	95	105	115	140	150	165	185	200	220
ØK	65	75	85	100	110	125	145	160	180
nxØd	4x14	4x14	4x14	4x19	4x19	4x19	4x19	8x19	8x19
Plug (BSPT)	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	1/2"
Standard basket perforation	1,2	1,2	1,2	1,2	1,2	1,2	1,6	1,6	1,6
Kvs-value	7	10	17,5	26	39	57	93	136	230
Approx. Weight	2,3	3	3,8	5,1	6,3	7,7	11,5	14,5	18,5

DN	125	150	200	250	300	350	400	450	500	600
L	400	480	600	730	850	980	1100	1200	1250	1450
C	19	19	20	22	24,5	26,5	28	30	31,5	36
H	264	312	395	482	565	650	854	860	878	922
H1	402	430	560	715	785	1100	1420	1430	1443	1509
ØD	250	285	340	405	460	520	580	640	715	840
ØK	210	240	295	355	410	470	525	585	650	770
nxØd	8x19	8x23	12x23	12x28	12x28	16x28	16x31	20x31	20x34	20x37
Plug/Tapon (BSPT)	1/2"	1/2"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"
Standard basket perforation	1,6	1,6	3,1	3,1	3,1	3,1	3,1	3,1	3,1	3,1
Kvs-value	336	472	861	1349	1890	2702	4390	5560	6994	10408
Approx. Weight	28,5	39,5	65	116	151	312	475	644	1011	1141

Dimensions in mm subject to manufacturing tolerance / Kvs-values in m^3/h / Weights in kg

Information / restriction of technical rules need to be observed!
Installation, Operating and Maintenance Manual can be downloaded at www.comeval.es

The engineer, designing a system or a plant, is responsable for the selection of the correct valve
Product suitability must be verified, contact manufacturer for information

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