

## 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
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5	0	NBR gaskets
	E	EPDM gaskets

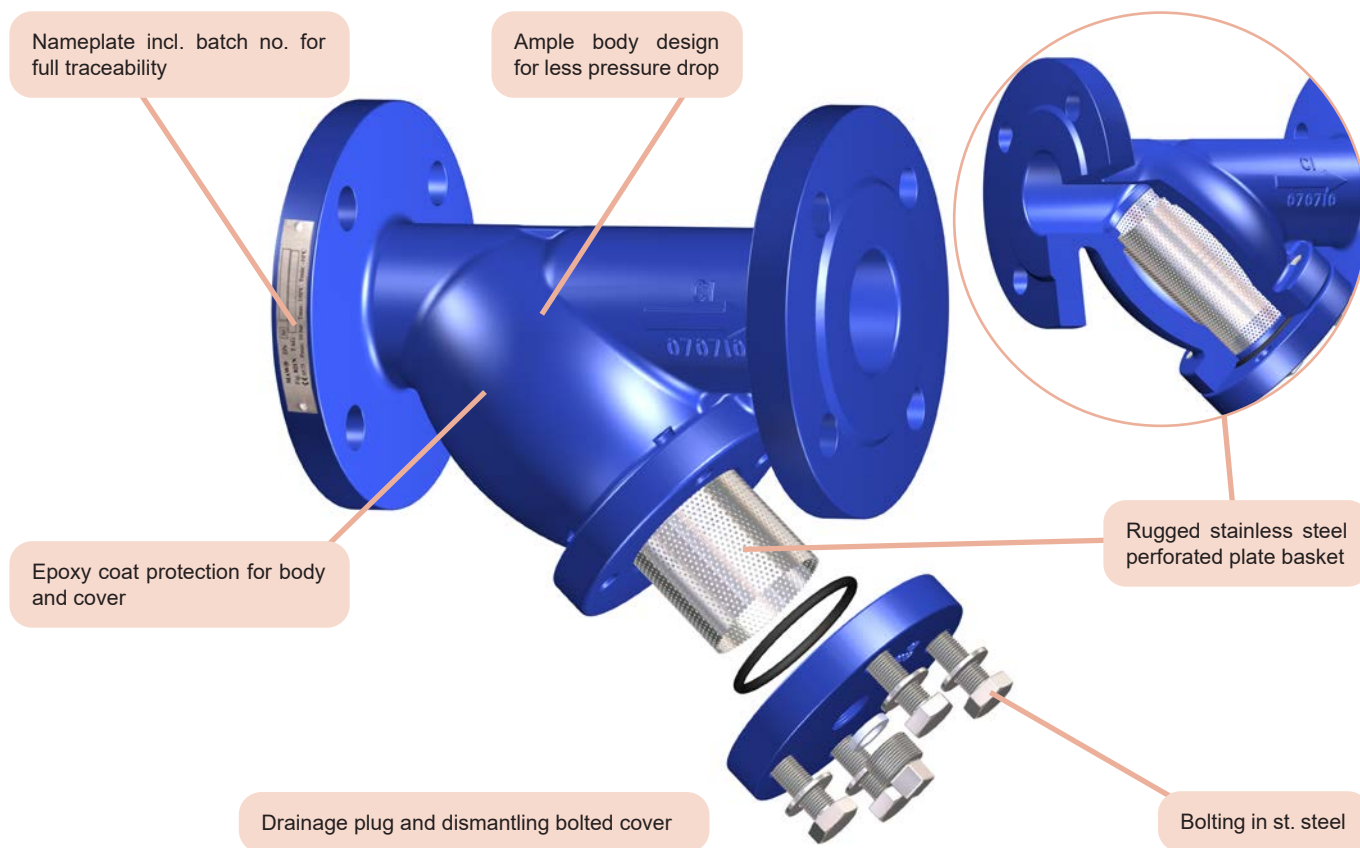
6	0	EN-JL1040 (GG25)
	G	EN-JS1050 (GG50)

9-10	00	PN16
	25	PN25

12-13-14	040	DN40
	050	DN50
	...	DN...

## 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 welded 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)

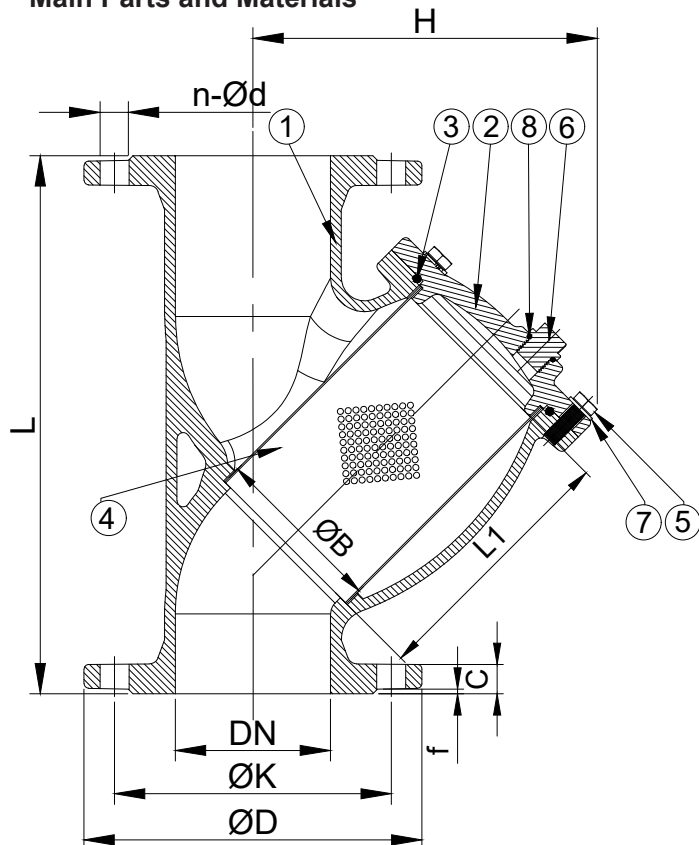
## Main Duties / Limits of use

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: -10/80°C  
 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

## 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	40	50	65	80	100	125	150	200	250	300	350
L	200	230	290	310	350	400	480	600	730	850	980
C	19	19	19	19	19	19	19	20	22	24,5	
f	3	3	3	3	3	3	3	3	3	4	
H	120	142	178	200	225	264	312	395	482	565	
ØD	150	165	185	200	220	250	285	340	400	455	
ØK	110	125	145	160	180	210	240	295	355	410	
nxØd	4x19	4x19	4x19	8x19	8x19	8x19	8x23	12x23	12x28	12x28	
Plug (BSPT)	3/8"	3/8"	3/8"	3/8"	1/2"	1/2"	1/2"	3/4"	3/4"	3/4"	
L1	90	108	135	155	180	220	255	333	420	500	
ØB	Ø52	Ø62	Ø76	Ø92	Ø112	Ø138	Ø162	Ø211	Ø267	Ø317	
Standard basket perforation	1,2	1,2	1,6	1,6	1,6	1,6	1,6	3,1	3,1	3,1	
Kvs value	39	57	93	136	230	336	472	861	1349	1890	
Approx. Weight	6,3	7,7	11,5	14,5	18,5	28,5	39,5	65	116	151	

Dimensions in mm subject to manufacturing tolerance / Kvs-values in m³/h / Weights in kg