Basket strainers mean the ideal design for applications where easy maintenance and large capacity are required. Specifically devised for use with liquids the straining capacity is large compared to the pipe work end connecting size. These strainers are used on water systems to protect the sealing integrity of the valves and equipment downstream. The bolted cover eases the quick and frequent maintenance operations. These strainers are provided with a bottom drain or blow off connection to ease cleaning without removing the screen out. They are coated with EPOXY powder to protect them from environmental corrosion.

Removable cover, basket replaceable in line



Internally and externally EPOXI coated for environmental protection

Large capacity collecting screen

Drainage Screw to remove water pockets

Main Features

Nominal Pressure: PN 16
End connections: Flanged to EN1092-2 type 21/B PN16 (*valves DN65 with 4 holes as accepted variant in standard*)
Marking: EN 19
Pressure Tests: EN 12266-1 / ISO 5208
Inside and outside epoxy coating protection blue color similar to RAL5005. Min. average thickness 250 microns
Product compliant with Pressure Equipment Directive PED

Main Duties / Limits of use

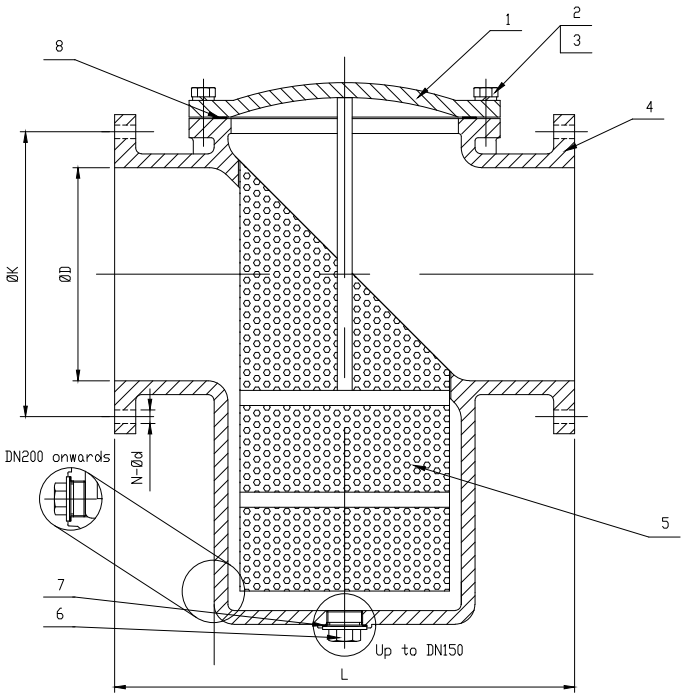
Fresh water and neutral liquids group 2, acc. to PED Annex II table 9, classif. to Art.3 - Parr.3
PS: 16 bar; TS: -10/120ºC
Questions referring to chemical resistance, please consult us

Options

Other basket perforation, special basket for vacuum service, other designs and approvals, please consult us

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Main Parts and Materials



Nº	PART	MATERIAL
1	COVER	Ductile iron
2	BOLT	St. steel SS304
3	WASHER	St. steel SS304
4	BODY	Ductile iron
5	SCREEN	St. steel SS304
6	DRAINING PLUG	St. steel SS304
7	GASKET	EPDM
8	GASKET	EPDM

Main Valve Parameters

DN	50	65	80	100	125	150	200	250
L	207	210	251	292	334	378	475	511
D	165	185	200	220	250	285	340	405
K	125	145	160	180	210	240	295	355
G	99	119	134	156	184	211	266	319
n-Ød	4-19	4-19	8-19	8-19	8-19	8-23	12-23	12-28
Standard basket perforation	2	2	2	2	3	3	5	5
Approx. Weight	13	17	22	33	42	57	96	133

Dimensions in mm subject to manufacturing tolerance / Weights in kg

Main Valve Parameters

DN	300	350	400	450	500	600
L	680	769	842	890	900	1000
D	460	520	580	640	715	840
K	410	470	525	585	650	770
G	370	431	482	540	611	710
n-Ød	12-28	16-28	16-31	20-31	20-34	20-37
Standard basket perforation	5	5	5	5	5	5
Approx. Weight	249	-	-	-	-	-

Dimensions in mm subject to manufacturing tolerance / 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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