

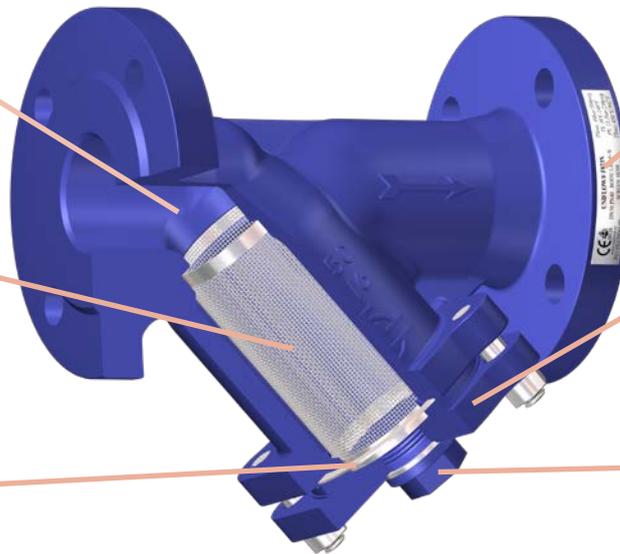
SERIES F0A0 DIN RANGE

Y-Strainers type F0A0 DIN are devices for mechanically removing solids from flowing media by means of a wired mesh, replaceable in line. They combine a rugged and compact design for indoors installation in industrial plants, building industry, etc.

Precise machined seat slot, to accommodate the screen and avoid dirt to by-pass the strainer

St. steel screen, made out of high resistance wire, rugged and braided type

Reinforced graphite gasket, with st. steel reinforcement



Nameplate incl. batch no. for full traceability

Removable bolting cover, to ease maintenance

Standard threaded blow-off connection, with metallic gasket, thus avoiding the gasket replacement on every emptying operation

Main Features

Valve design: EN 12516
 Nominal pressure: PN40
 Face to face length: EN 558 S1 (DIN 3202 F1)
 End connections: Flanged to EN 1092-1 type 21/B PN40
 Marking: EN 19
 Pressure Tests: EN 12266-1
 Inside and outside primer paint layer blue color similar to RAL5002
 Product compliant with Directive 2014/68/EU on Pressure Equipment (PED)

Main Duties / Limits of use

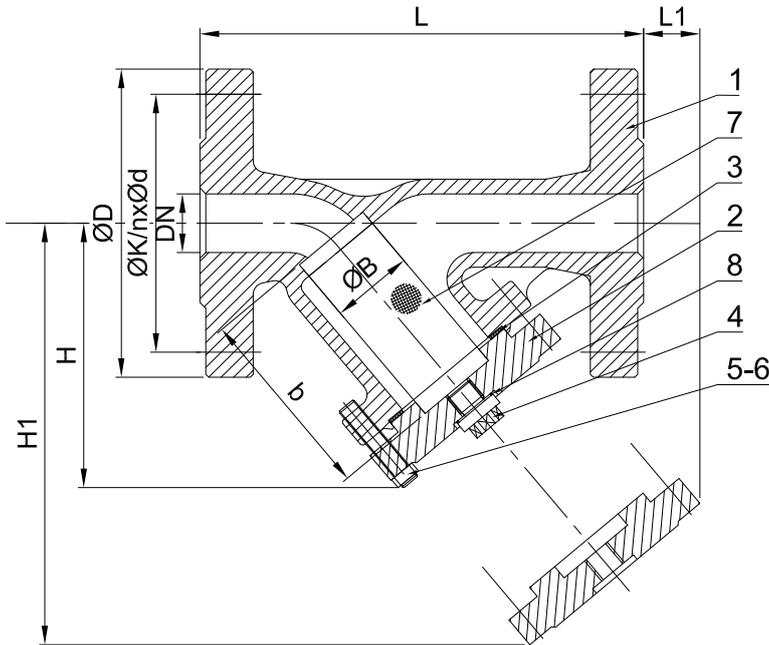
Fluids compatible with materials of construction. Questions referring to chemical resistance, please consult us
 Pressure / Temperature rating acc. to EN 1092-1 .
 For products compliant with Directive 2014/68/EU, observe also limits acc. to Annex II tables 6 & 8 (gases & liquids group 1*) and tables 7 & 9 (gases & liquids group 2*) up to category III
 *Classification of fluids (group 1 or 2) acc. to Directive 2014/68/EU, Article 13

Options

Other screen width, special screen for vacuum service or in suction side of pumps, etc.
 Other designs and approvals, please consult us.

Main Parts and Materials

SERIES F0A0 DIN RANGE



Nº	PART	MATERIAL
1	BODY	Cast steel 1.0619+N
2	COVER	Cast steel 1.0619+N
3	GASKET	Graphite+St. steel 304
4	DRAINING PLUG	Cast steel 1.0619+N
5-6	STUDS-NUTS	Steel A307B/A503A
7	SCREEN	St. steel 304
8	DRAINING PLUG GASKET	Cu alloy

Main Valve Parameters

DN	15	20	25	32	40	50	65	80	100
ØK	65	75	85	100	110	125	145	160	190
nxØd	4xØ14	4xØ14	4xØ14	4xØ18	4xØ18	4xØ18	8xØ18	8xØ18	8xØ22
ØD	95	105	115	140	150	165	185	200	235
L	130	150	160	180	200	230	290	310	350
H	90	116	122	140	145	170	179	212	243
L1	65	103	110	77	78	93	73	88	97
H1	123	158	171	198	206	237	259	297	344
Draining plug	M10x1.5	M10x1.5	M16x1.5	M16x1.5	M27x1.5	M27x1.5	M27x1.5	M27x1.5	M33x2
Basket standard perforation	1	1	1	1	1	1	1,25	1,25	1,6
Kvs	6	9	14	21	29	49	79	117	187

Dimensions in mm subject to manufacturing tolerance

DN	125	150	200	250	300	350	400	500	600
ØK	220	250	320	385	450	510	585	670	795
nxØd	8xØ26	8xØ26	12xØ30	12xØ33	16xØ33	16xØ36	16xØ39	20xØ42	20xØ48
ØD	270	300	375	450	515	580	660	755	890
L	400	480	600	730	850	980	1100	1200	1450
H	281	321	404	482	560	-	-	-	-
L1	103	92	112	193	252	-	-	-	-
H1	399	451	574	747	899	-	-	-	-
Draining plug	M33x2	M33x2	M33x2	M33x2	M48x2	M48x2	M48x2	M48x2	M48x2
Basket standard perforation	1,6	1,6	1,6	1,6	1,6	-	-	-	-
Kvs	301	315	522	980	1498	-	-	-	-

Dimensions in mm subject to manufacturing tolerance

DN350-600 acc. to customer specifications

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 responsible for the selection of the correct valve
Product suitability must be verified, contact manufacturer for information

SERIES F010 DIN RANGE

Y-strainers are devices for mechanically removing solids from flowing liquids or gases by means of a perforated wire mesh straining element. Series F010 DIN are compact, of cylindrical shape and designed to handle a vast majority of fluids encountered in the process industry such as demineralized water, ammonia, chemicals and gases. They protect equipment downstream and can be either horizontally or vertically installed. Maintenance is easy thanks to the removing screen. These strainers show low pressure drop across thanks to their shape and similarity to pipe line configuration. These Series are made in investment cast stainless steel which adds considerable quality finish to the surface avoiding roughness and pinholes risk.

Marking and tagging, positive flow marking by an arrow, raised symbols denoting heat numbers, Design Pressure and Nominal Diameter. Riveted steel plate in compliance with PED rules

High quality surface made out in investment cast stainless steel

Rugged stainless steel basket screen

Removable bolted cover, to ease maintenance



Raised flange ends and machined slots to better accommodate the assembling gaskets

Drainage screw, leakage proof for blow off maintenance operations

PTFE gasket to avoid deterioration by corrosive media, temperature constrains to PTFE

Main Features / Reference Standards

Valve design: EN 12516
 Nominal pressure: PN16
 Face to face length: EN 558 S1
 Valve end connections: Flanges EN 1092-1 PN40 (DN15-DN50); PN16 (DN65-DN200)
 Marking: EN 19
 Inspections & Tests: EN 12266-1
 Product compliant with Directive 2014/68/EU Pressure Equipment (PED)

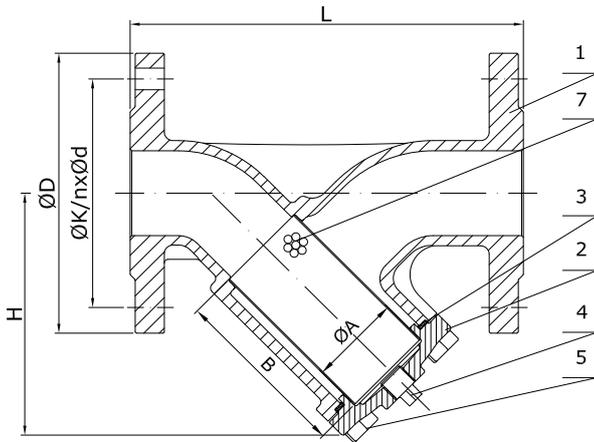
Main Duties / Limits of use

Fluids compatible with materials of construction. Questions referring to chemical resistance, please consult us
 Pressure / Temperature rating acc. to EN 1092-1
 Pressure Rating: 16 bar (option 40 bar DN15-50)
 For products compliant with Directive 2014/68/EU, observe also limits acc. to Annex II tables 6 & 8 (gases & liquids group 1*) and tables 7 & 9 (gases & liquids group 2*) up to category III
 *Classification of fluids (group 1 or 2) acc. to Directive 2014/68/EU, Article 13

Options

Other screen perforation, special screen for vacuum service, or in suction side of pumps, etc.
 Other designs and approvals, please consult us.

Main Parts and Materials



Nº	Part	Material	Specification
1	Body	St. steel	1.4408
2	Cover	St. steel	1.4408
3	Gasket	Graphite+St. steel	
4	Plug	St. steel	SS30416
5	Bolting	St. steel	A2-70
7	Screen	St. steel	SS316

Main Parameters

DN	L	H	ØD	ØK	nxØd	Screen Perforation	Approx. Weight
15	130	75	95	65	4 x 14	1,5	2
20	150	75	105	75	4 x 14	1,5	3
25	160	100	115	85	4 x 14	1,5	4
32	180	120	140	100	4 x 18	1,5	6
40	200	120	150	110	4 x 18	2	6,5
50	230	140	165	125	4 x 18	2	9
65	290	175	185	145	4 x 18	2	12
80	310	196	200	160	8 x 18	2	1,5
100	350	244	220	180	8 x 18	2	20
125	400	277	250	210	8 x 18	2	32
150	480	320	285	240	8 x 22	2	45
200	600	390	340	295	12x22	2	85

Dimensions in mm subject to manufacturing tolerance / Weights in kg
Other dimensions on request