



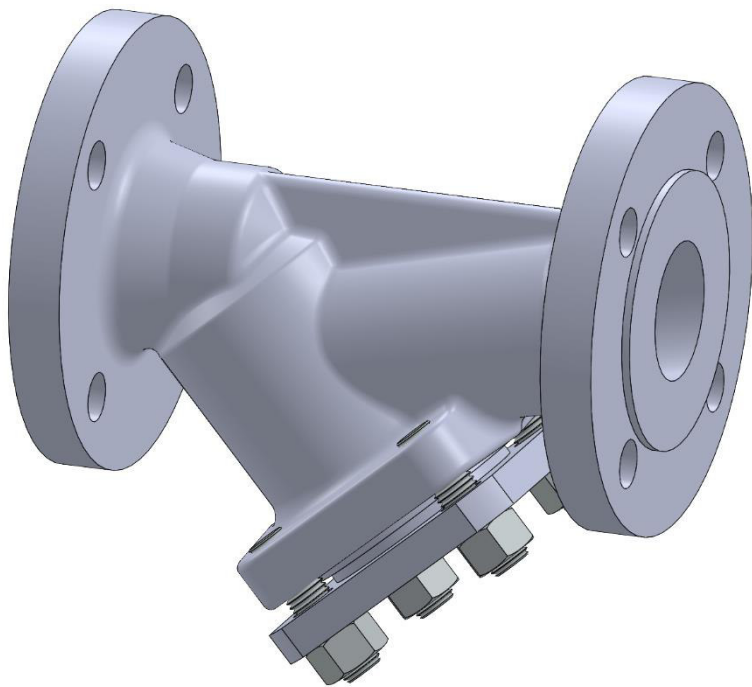
PHÖNIX

STRACK

DAUME
REGELARMATUREN



Solent & Pratt
Phoenix Ltd



Strainer

Type 829

PN 40

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Strainer Y - type / Type 829

PN40 DN15 - DN150



Design

- Inclined seat for optimized fluid flow
- Inserts from high-alloyed steel
- Easy replaceable basket
- Extremely high filtrating area

CE 0525

Filter net acc. to DIN ISO 4783, Standard:

up to DN 50	= 0,8mm
DN 65/80	= 1,0mm
DN 100/150	= 1,25mm

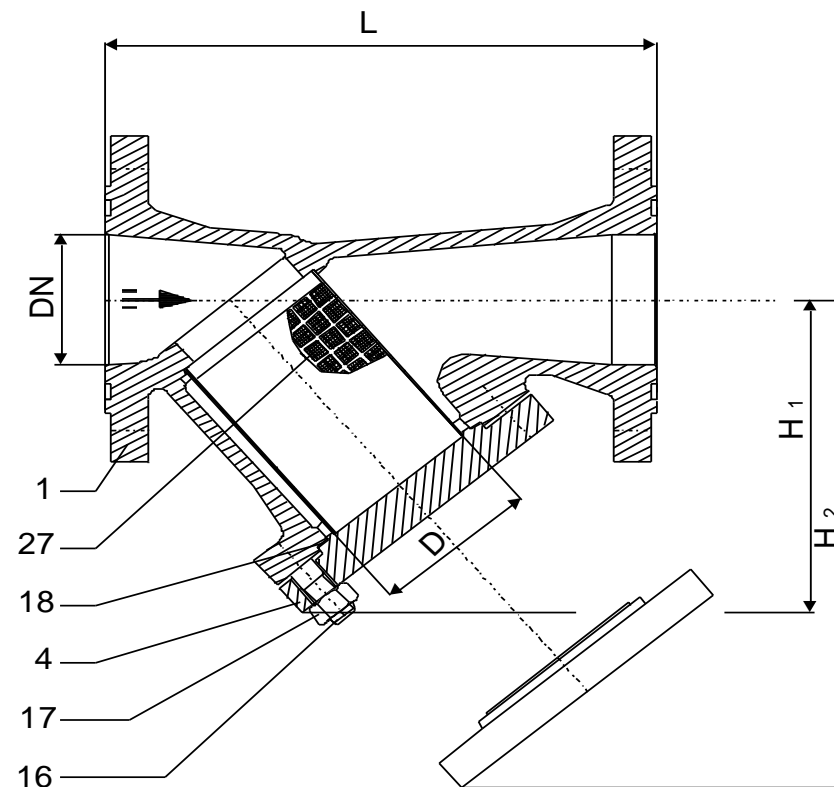
Dimensions

PN40	Size / DN	15	20	25	32	40	50	65	80	100	125	150
	L	130	150	160	180	200	230	290	310	350	400	480
H1	95	90	90	90	125	135	165	195	240	260	315	
H2	150	140	140	150	190	220	250	300	350	385	470	
D	32	32	32	38	53	60	80	95	115	140	165	
Weight (kg)	3,6	4	4,5	10	12	15	20	28	40	66	92	

Drag coefficient / Flow coefficient

Size / DN	15	20	25	32	40	50	65	80	100	125	150
$\zeta_v [-]$	5,1	3,8	6,6	3,8	6,7	7,5	5,5	3,9	3,6	4,4	3,6
$k_v [m^3/h]$	4,4	9	11	23	27	40	98	142	225	322	510

PHÖNIX reserves the right to change product design and specification without notice.



Strainer Y - type / Type 829

PN16/ 25/ 40 DN15 - DN150

Materials



Item	Part name	Heat resistant carbon steel / Type 829 C		Stainless steel / Type 829 V	
		Material * up to 450°C	DIN	Material * from -200°C up to 400°C	DIN
1	Body	P250GH	1.0460	X2CrNiMo17-12-2	1.4404
		GP240GH	1.0619	GX5CrNiMo19-11-2	1.4408
4	Bonnet	P250GH	1.0460	X2CrNiMo17-12-2	1.4404
16	Stud bolt	21CrMoV5-7	1.7709	A4-70	
17	Hex.nut	25CrMo4	1.7218	A4-70	
18	Bonnet gasket	Graphite + S.S.		Graphite + S.S.	
27	Strainer	X6CrNiMoTi17-12-2	1.4571	X6CrNiMoTi17-12-2	1.4571
		X5CrNiMo17-12-2	1.4401		

Special materials on request.

* Pressure-temperature-rating see appendix

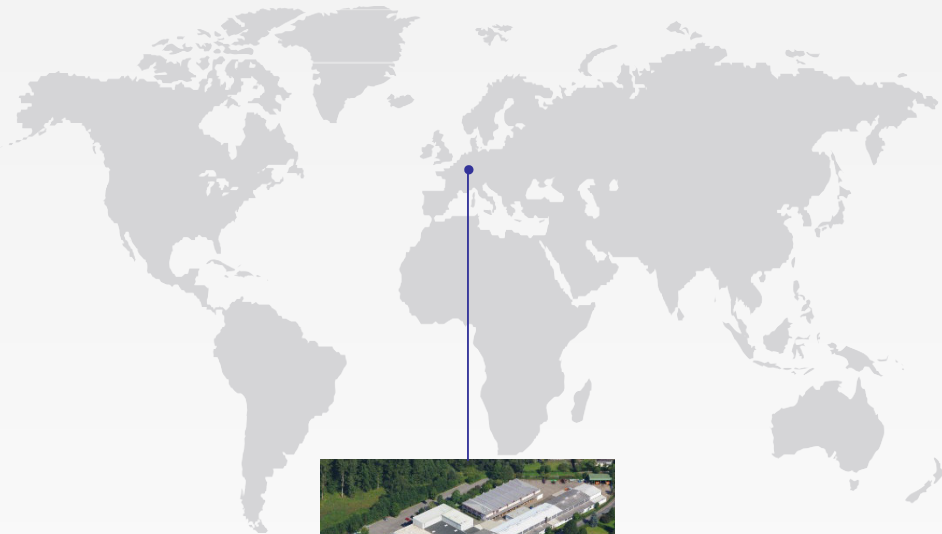
Specification

Marking	EN19, AD-A4, CE
Face-to-face dimensions	
Flanged option	DIN EN 558-1
Butt weld ends	DIN EN 12982 up to PN100
Socket weld ends	
Connections	
Flanged option	DIN EN 1092-1 up to PN100
Butt weld ends	DIN EN 12627
Socket weld ends	DIN EN 12760
Testing standard	AD-2000, DIN 3230 section 3, DIN EN 12266

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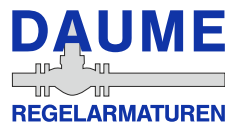
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