



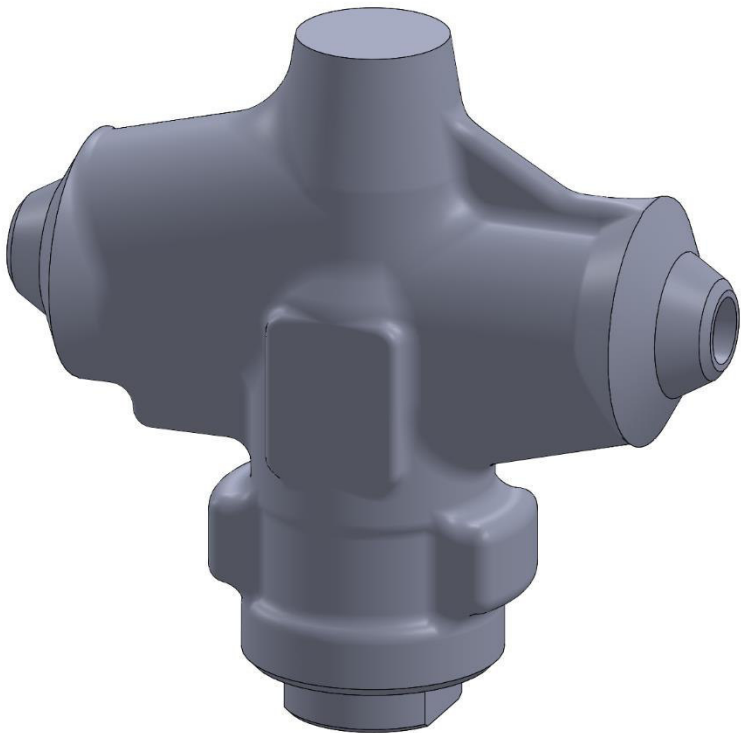
PHÖNIX

STRACK

DAUME
REGELARMATUREN



Solent & Pratt
Phönix Ltd



Strainer

Type S29

PN 100 - 630

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Strainer / Type S29

DN 15 - 50
PN 100 / 160 / 250 / 400 / 500 / 630



Design

- Easy replaceable basket
- Construction of forged components
- Coverless design

Dimensions of Baskets

Gap width	open strainer surface [mm ²]	DN 25	DN 50
0,1 mm		345	1035
0,25 mm		862	2588
0,5 mm		1138	3415
0,8 mm		1518	4554
1 mm		1725	5175

0,25 mm gap width = standard

Dimensions of welding ends

		butt weld ends							
		DIN 3239				DIN EN 12627			
	Size / DN	15	25*	40	50**	15	25*	40	50**
PN 100	Da	22	34	49	61	22	35	50	62
	Di	17	28,5	43	54	17	28,5	43	54
PN 160	Da	22	34	49	61	22	35	50	62
	Di	17	27	41	52,5	17	27	41	52,5
PN 250	Da	22	35	49	61	22	35	50	62
	Di	16	26,5	38,5	45	16	26,5	38,5	45
PN 320	Da	22	35	49	77	22	35	50	62
	Di	15	24	36	59,5	15	24	36	43,5
PN 400	Da	28	44	61	77	22	35	50	62
	Di	17	29	40	49,5	12,5	21,5	31,5	37
PN 630	Da	34	49	77	90	22	35	50	62
	Di	18,5	25	43,5	51,5	11,5	17,5	27,5	33,5
	L	160	160	250	250	160	160	250	250
	Weight (kg)	3,5	3,5	13	13	3,5	3,5	13	13

* maximum possible diameter of Da = 49mm

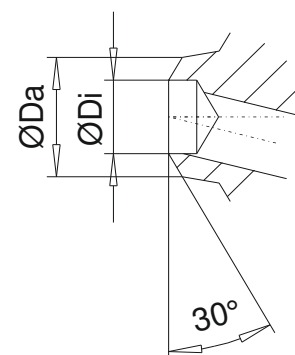
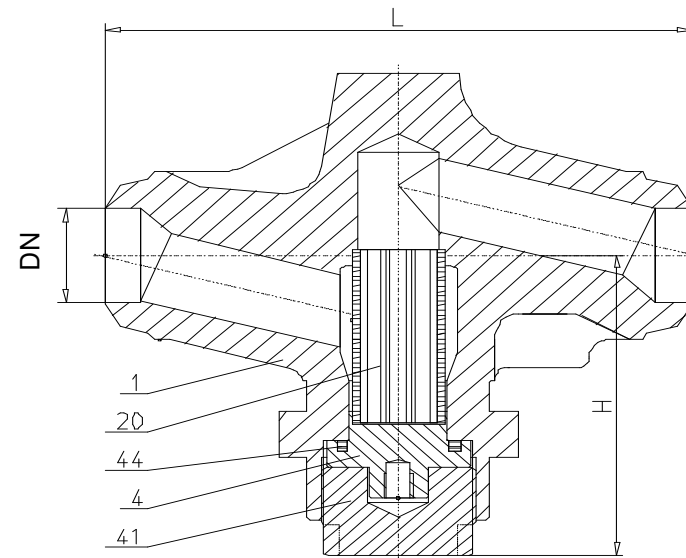
** maximum possible diameter of Da = 90mm

Drag coefficient / Flow coefficient

Size / DN	15	25	40	50
ζ_v [-]	on request			
k_v [m ³ /h]				

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Strainer / Type S29

PN100 / 160 / 250 / 400 / 500 / 630 DN15 - DN50

Materials



Item	Part name	Heat resistant carbon steel		Low temperature steel		Stainless steel	
		Material *	DIN	Material * -50 °C / 500 bar 400 °C / 375 bar	DIN	Material * 20 °C / 500 bar 550 °C / 356 bar	DIN
1	Body	20 °C / 630 bar ... 450 °C / 193 bar P250GH 20 °C / 630 bar ... 530 °C / 132 bar 16Mo3 20 °C / 630 bar ... 550 °C / 137 bar 13CrMo4-5 20 °C / 630 bar ... 600 °C / 95 bar 10CrMo9-10 20 °C / 630 bar ... 650 °C / 123 bar X10CrMoVNB9-1	1.0460 1.5415 1.7335 1.7380 1.4903	P355NL1	1.0566	X 2CrNiMo17-12-2	1.4404
4	Bonnet	13CrMo4-5	1.7335	13CrMo4-5	1.0566	13CrMo4-5	1.4404
20	Strainer	X2CrNiMo18-14-3 X5CrNi18-10	1.4435 1.4301	X2CrNiMo18-14-3 X5CrNi18-10	1.4435 1.4301	X2CrNiMo18-14-3 X5CrNi18-10	1.4435 1.4301
41	Pressure bolt	X20CrMoV11-1	1.4922	X20CrMoV11-1	1.4922	X20CrMoV11-1	1.4922
44	Gasket	Graphite		Graphite		Graphite	

Special materials on request

* Pressure-temperature-rating see appendix

Specification

Marking EN19, AD-A4, CE

Face-to-face dimensions

Butt weld ends Manufacturer standard

Socket weld ends Manufacturer standard

Connections

Butt weld ends DIN EN 12627

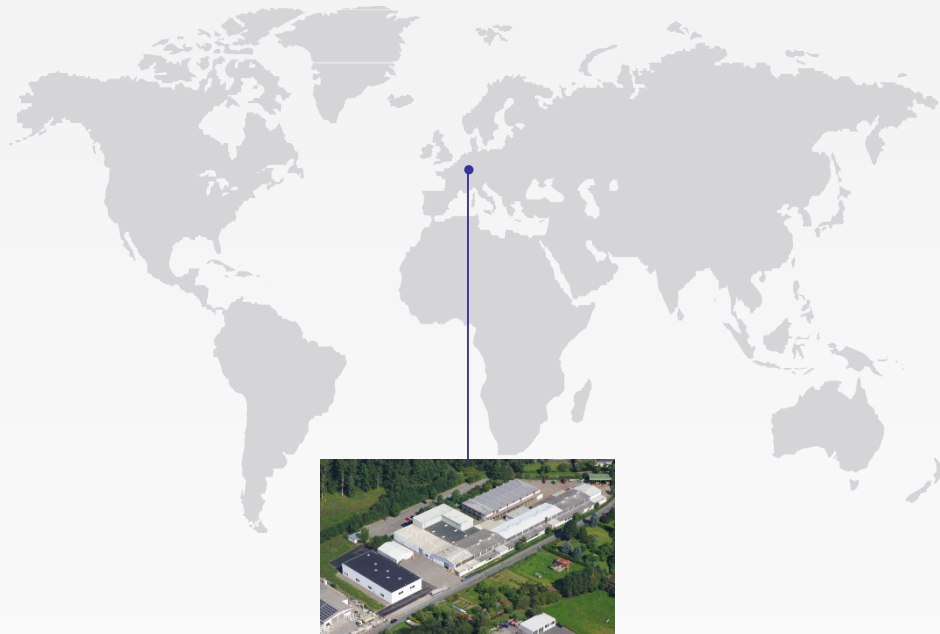
Socket weld ends DIN EN 12760

Testing standard AD-2000, DIN 3230 section 3, DIN EN 12266

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