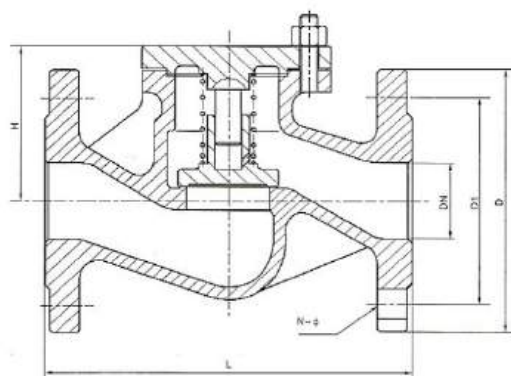


FACE TO FACE COMFORMS TO DIN3202
 FLANGE CONFORMS TO DIN2543-DIN2546
 TEST CONFORMS TO DIN3230-75



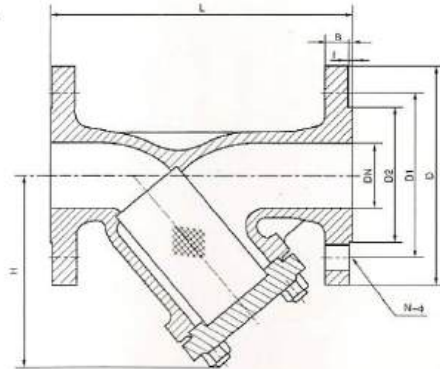
Specification

DN	L	H	Kv	Weight /Kg		
				PN16	PN 25	PN40
15	130	70	5.7	2.4	3.5	3.8
20	150	70	7.8	3.0	4.4	4.9
25	160	80	11.8	3.8	5.0	5.9
32	180	80	17.9	5.7	6.0	7.1
40	200	85	27.5	7.4	8.0	10.4
50	230	95	48.0	10.3	11.0	12.3
65	290	110	77.6	15.2	16.0	22.7
80	310	130	109.0	20.4	21.0	28.5
100	350	155	168.0	31.0	32.0	40.0
125	400	165	251.0	49.0	51.0	64.0
150	480	215	389.0	69.0	70.0	90.0
200	600	285	664.0	132.0	136.0	170.0
250	730	325	1017.0	198.0	218.0	240.0
300	850	365	1446.0	278.0	330.0	370.0

Class	1.6MPa	2.5MPa	4.0MPa
Shell Test	2.4MPa	3.8MPa	6.0MPa
Seal Test	1.8MPa	2.8MPa	4.4MPa
Temp.	-20~350°C		
Medium	Water, Oil, Gas		

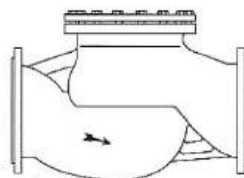
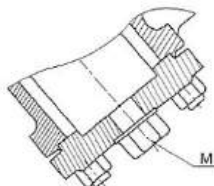
	Body	Stem	Sealing	Bolt
Alloy.	GS-C25	2Cr13	2Cr13, STL	
	1Cr18Ni9Ti	1Cr18Ni9Ti	1Cr18Ni9Ti, STL	1Cr18Ni9Ti
	CF3, CF8 CF3, CF8	SS316	304L, 304, 316L, 316, STL	1Cr18Ni9Ti

FACE TO FACE COMFORMS TO DIN3202
FLANGE CONFORMS TO DIN2543-DIN2546
TEST CONFORMS TO DIN3230-75

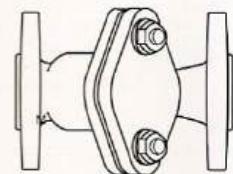


Specification

Size	15	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400	500	
L	130	150	160	180	200	230	290	310	350	400	480	600	730	850				
H	85	95	110	125	145	155	175	210	230	270	300	385	535	680				
(Kg)	PN16	3.0	4.0	5.0	7.0	9.0	12.0	16.0	21.0	30.0	43.0	61.0	121.0	154.0				255.0
	PN25	3.5	4.0	5.5	7.0	9.0	12.0	16.0	21.0	32.0	47.0	64.0	144.0	178.0				285.0
	PN40	4.0	5.0	6.0	8.0	10.0	13.0	19.0	24.5	35.0	51.0	71.0	144.0	178.0				285.0
Kv	7	11	18	26	37	60	100	150	230	330	400	650	1200	1900				

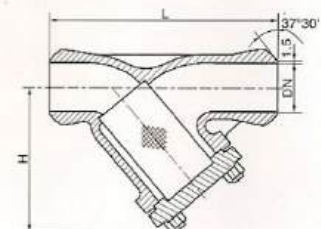


NN300



DN15

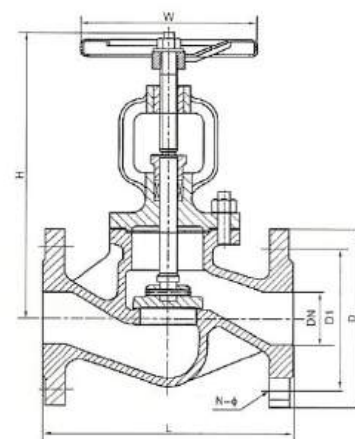
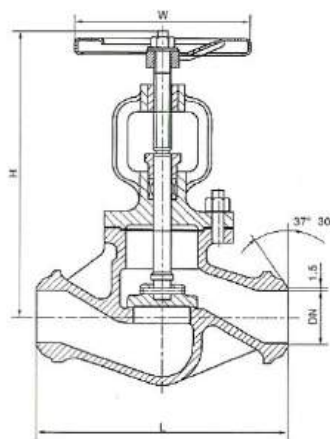
Main Parts and Materials		
Parts	WCB	Stainless Steel
Body	GS-C25, WCB	Stainless Steel
Bonnet	GS-C25, WCB	Stainless Steel
Screen	SS304	Stainless Steel
Bolt	B7	1Cr18Ni9Ti
Nut	2H	1Cr18Ni9Ti
Gasket	Graphite +SS304	Graphite +SS304



DN15-20	M10 × 1.5
DN25-32	M16 × 1.5
DN40-80	M27 × 1.5
DN100-150	M33 × 1.5
DN200-300	M48 × 2
DN350	M60 × 2

Working Pressure	
Water	20-40 MESH
Gas	40-100 MESH
Oil	10-160 MESH

FACE TO FACE COMFORMS TO DIN3202
 FLANGE CONFORMS TO DIN2533, 2544, 2545
 TEST CONFORMS TO DIN3230

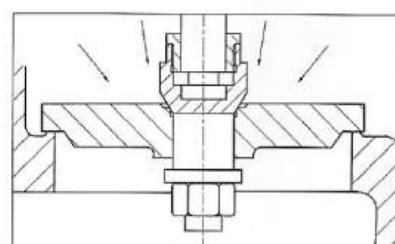


Specification

DN	L	H	W		Weight / Kg		
			PN16 25	PN40	PN16	PN 25	PN40
15	130	191	120	140	3.7	4.3	4.3
20	150	191	120	140	4.4	4.8	4.8
25	160	197	140	140	5.1	6.3	6.3
32	180	200	140	160	7.5	7.8	7.8
40	200	218	160	180	8.8	10.3	10.3
50	230	220	180	180	12.2	12.6	12.6
65	290	238	180	200	16.1	19.0	19.0
80	310	257	200	250	21.4	25.0	25.0
100	350	340	250	300	33.0	35.0	35.0
125	400	360	300	350	51.0	56.0	56.0
150	480	390	300	350	69.0	74.0	74.0
200	600	530	400	450	105.0	144.0	160.0
250	730	665	520	520	180.0	238.0	260.0
300	850	720	520	520	265.0	339.0	370.0

Body	Stem	Disc	Bellows
GS-C25	2Cr13	2Cr13	2Cr13, STL
1Cr18Ni9Ti	1Cr18Ni9Ti	1Cr18Ni9Ti	1Cr18Ni9Ti, STL
CF3, CF8 CF3, CF8	SS316	SS316	304L, 304, 316L, 316, STL

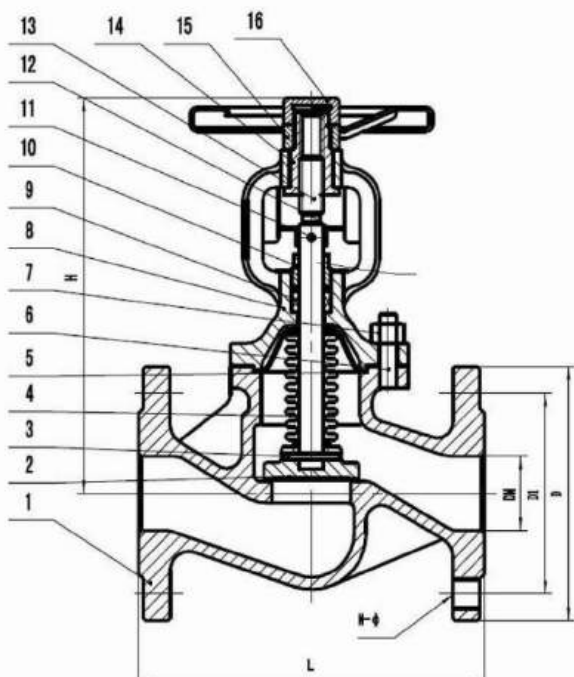
Class	1.6MPa	2.5MPa	4.0MPa
Shell Test	2.4MPa	3.8MPa	6.0MPa
Seal Test	1.8MPa	2.8MPa	4.4MPa
Temp.	-20~350℃		
Medium	Water, Oil, Gas		



DN ≥ 250

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德标波纹管截止阀 DIN Cast Steel Bellows Seal Globe Valves



技术规范

1. 设计标准 DIN EN13709-2003
2. 结构长度 DIN EN588-1:1995
3. 法兰标准 DIN EN1092-1:2002
4. 试验标准 DIN EN12266:2003

Technical Specifications

1. Design Standard DIN EN13709-2003
2. Face to Face Dimension DIN EN588-1:1995
3. End Flange Dimension DIN EN1092-1:2002
4. Test Standard DIN EN12266:2003



波纹管截止阀是一种比较新型的截止阀,双重密封,性能可靠。密封面堆焊硬质合金,阀杆表面氮化处理,耐磨,耐腐,抗摩擦性能良好,使用寿命长。

用途: 广泛应用于石油,化工,制药,化肥,电力行业等各种工况的管路上,切断或接通管路介质。

Bellows Seal Globe Valve is a new kind of globe valves with dual-seal. So its sealing capacity is very good. The sealing surface is bead welding with hard alloy and the stem surface is in "nitrogen treatment". Hence it is the valve of attrition-resistant, good anti-corrosion performance and long service life.

Application: Petrochemical, Power Plant, Steel Mill, Plastic and Paper industries

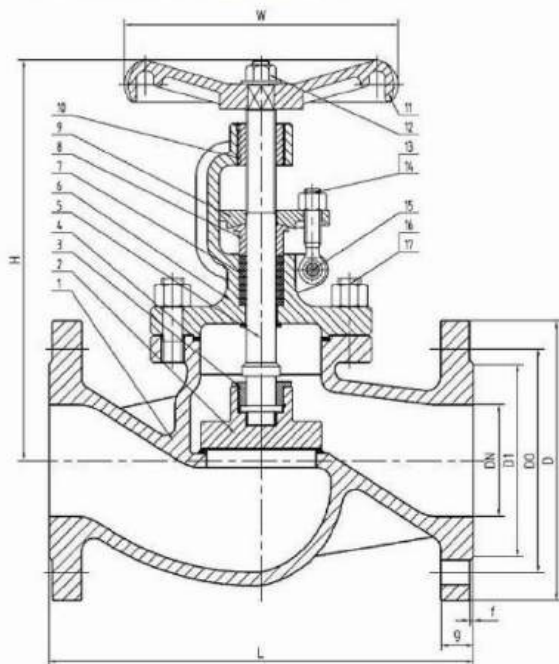
DN	PN16						重量(KG)	PN25						重量(KG)	PN40						重量(KG)
	L	D	D1	N-Φ	H		Weight	L	D	D1	N-Φ	H		Weight	L	D	D1	N-Φ	H		Weight
15	130	95	65	4X14	190		4.5	130	95	65	4X14	190		4.5	130	95	65	4X14	190		5
20	150	105	75	4X14	190		5.0	150	105	75	4X14	190		5.0	150	105	75	4X14	190		5.5
25	160	115	85	4X14	195		5.8	160	115	85	4X14	195		5.8	160	115	85	4X14	195		6.5
32	180	140	100	4X18	210		7.5	180	140	100	4X18	210		7.5	180	140	100	4X18	210		8.5
40	200	150	110	4X18	220		10	200	150	110	4X18	220		10	200	150	110	4X18	220		11
50	230	165	125	4X18	230		13	230	165	125	4X18	230		13	230	165	125	4X18	230		14.5
65	290	185	145	8X18	255		18.5	290	185	145	8X18	255		18.5	290	185	145	8X18	255		20
80	310	200	160	8X18	270		23	310	200	160	8X18	270		23	310	200	160	8X18	270		24
100	350	220	180	8X18	360		38.5	350	235	190	8X22	360		40	350	235	190	8X22	360		42
125	400	250	210	8X18	380		53	400	270	220	8X26	380		55	400	270	220	8X26	380		58
150	480	285	240	8X22	415		81	480	300	250	8X26	415		88	480	300	250	8X26	415		95
200	600	340	295	12X22	530		144	600	360	310	12X26	530		155	600	375	320	12X30	530		165
250	730	405	355	12X26	665		230	730	425	370	12X30	665		250	730	450	385	12X33	665		295
300	850	460	410	12X26	720		420	850	485	430	16X30	720		460	850	515	450	16X33	720		510
350	980	520	470	16X26	1020		610	980	555	490	16X33	1020		680	980	580	510	16X36	1020		750
400	1100	580	525	16X30	1180		790	1100	670	550	16X36	1180		860	1100	660	585	16X39	1180		920

主要零部件材质 / Main Parts and Materials

1. 阀体/Body	GG GS-C25 SS304 SS316	9. 填料/Packing	Graphite, PTFE	压力/Pressure	1.6Mpa	2.5Mpa	4.0Mpa
2. 阀瓣/Disc	C.C+13Cr SS304 SS316	10. 压盖/Gland	13Cr, 304, 316	壳体试验/Shell Test	2.4Mpa	3.8Mpa	6.0Mpa
3. 轴销/Pin	SS304 SS316	11. 油杯/Oil Cup	Brass	水压/Seal Test W.	1.8Mpa	2.8Mpa	4.4Mpa
4. 波纹管/Bellows	SS304 SS316	12. 定位片/Locating Plate	C.S, 304 316	气压/Seal Tets Air	0.6Mpa		
5. 垫片/Gasket	SS304+Graphite SS316+...	13. 阀杆/Stem	1Cr13, S304, 316	温度/Temperature	(-) 20 to 425℃		
6. 螺栓/Bolt	ASTM A193 B7, B8, B8M	14. 螺母/Nut	Cu Alloy	介质/Medium	W.O.G		
7. 螺母/Nut	ASTM A193 2H, A193-8, 8M	15. 手轮/Handwheel	C.S				
8. 阀盖/Bonnet	GG GS-C25 SS304 SS316	16. 锁紧螺母/Lock Nut	AL Alloy				

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德标截止阀 DIN Cast Steel Globe Valves



技术规范

1. 设计标准 DIN EN13709-2003
2. 结构长度 DIN EN588-1:1995
3. 法兰标准 DIN EN1092-1:2002
4. 试验标准 DIN EN12266:2003

Technical Specifications

1. Design Standard DIN EN13709-2003
2. Face to Face Dimension DIN EN588-1:1995
3. End Flange Dimension DIN EN1092-1:2002
4. Test Standard DIN EN12266:2003



德标截止阀适用于公称压力PN1.6~16MPa, 工作温度-29~350℃的易燃、易爆、剧毒、毒性流体、高温导热油、液氨等介质。广泛应用于: 石油化工、化纤纺织、塑料造纸、电力钢铁、印染橡胶、天然气等其它气体系统中, 性能安全可靠。产品结构合理、密封可靠, 保证阀杆的零泄漏。

DIN Globe Valves are suitable for the pressure from PN1.6 to 16Mpa. It can work in the medium of -29℃ to 425℃ combustible, explosive, toxi fluid, heat-conducting oil and liquid ammonia. Application: petrochemical industry, Chemical Fiber Textiles, plastic, paper making, power industry, steel, rubber and gas systems. The performance is very reliable.

Rational Structures, Reliable Sealing, Zero Leakage of Stem.

DN	PN16						PN25						PN40					
	L	D	D0	N-Φ	H	重量(KG) Weight	L	D	D0	N-Φ	H	重量(KG) Weight	L	D	D0	N-Φ	H	重量(KG) Weight
15	130	95	65	4X14	190	3.10	130	95	65	4X14	190	3.5	130	95	65	4X14	190	4
20	150	105	75	4X14	190	3.87	150	105	75	4X14	190	4.0	150	105	75	4X14	190	4.5
25	160	115	85	4X14	195	5.10	160	115	85	4X14	195	5.25	160	115	85	4X14	195	5.5
32	180	140	100	4X18	210	8.33	180	140	100	4X18	210	8.65	180	140	100	4X18	210	9
40	200	150	110	4X18	220	9.83	200	150	110	4X18	220	10	200	150	110	4X18	220	10.5
50	230	165	125	4X18	230	14.13	230	165	125	4X18	230	14.50	230	165	125	4X18	230	15
65	290	185	145	8X18	255	20.37	290	185	145	8X18	255	21.50	290	185	145	8X18	255	23
80	310	200	160	8X18	270	28.77	310	200	160	8X18	270	29	310	200	160	8X18	270	30
100	350	220	180	8X18	360	38.27	350	235	190	8X22	360	39	350	235	190	8X22	360	40.5
125	400	250	210	8X18	380	57.87	400	270	220	8X26	380	59	400	270	220	8X26	380	60
150	480	285	240	8X22	415	75.37	480	300	250	8X26	415	78	480	300	250	8X26	415	90
200	600	340	295	12X22	530	122.27	600	360	310	12X26	530	14.5	600	375	320	12X30	530	155
250	730	405	355	12X26	665	225.00	730	425	370	12X30	665	240	730	450	385	12X33	665	265
300	850	460	410	12X26	720	405.00	850	485	430	16X30	720	420	850	515	450	16X33	720	450
350	980	520	470	16X26	1020	645.00	980	555	490	16X33	1020	675	980	580	510	16X36	1020	690
400	1100	580	525	16X30	1180	805.00	1100	670	550	16X36	1180	820	1100	660	585	16X39	1180	850

主要零部件材质 / Main Parts and Materials

1. 阀体/Body	GG GS-C25 SS304 SS316	9. 压盖套/Gland Cover	25# F304, F316
2. 阀瓣/Disc	C.C+13Cr SS304 SS316	10. 阀杆螺母/Stem Nut	GALVANIZED
3. 锁紧螺母/Lock Nut	25# SS304 SS316	11. 手轮/Handwheel	C.S
4. 垫片/Gasket	Graphite+S.S, PTFE	12. 螺母/Nut	25#
5. 阀杆/Stem	13Cr, F304, F316	13-14. 螺栓螺母/Bolts	B7, B8, 8, 2H
6. 阀盖/Bonnet	GG GS-C25 SS304 SS316	15. 销/Pin	Cu Alloy
7. 填料/Packing	Flexible Graphite	16. 螺栓/Bolt	B7 B8
8. 压盖/Gland	13Cr, SS304, SS316	17. 螺母/Nut	2H 8

Performance Specifications				
Pressure Test	Nomial Pressure	1.6Mpa	2.5Mpa	4.0Mpa
	Intensity Test	2.4Mpa	3.75Mp	6.0Mpa
	Seal Test	1.76Mpa	2.75Mp	4.4Mpa
	Back Seal	1.76Mpa	2.75Mp	4.4Mpa
	Gas Test	0.6Mpa	0.6Mpa	0.6Mpa
	Working Temperature	-29 ~ 425		
	Medium	W.O.G		

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德标升降式止回阀 DIN Cast Steel Lift Type Check Valve

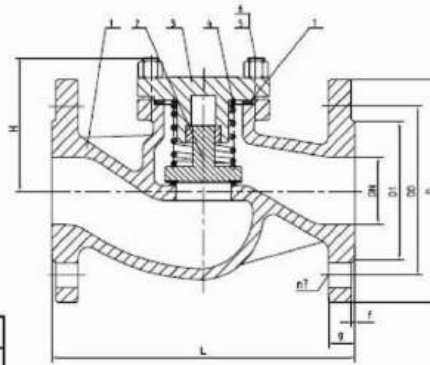
技术规范

1. 设计标准 DIN EN13709-2003
2. 结构长度 DIN EN588-1:1995
3. 法兰标准 DIN EN1092-1:2002
4. 试验标准 DIN EN12266:2003

Technical Specifications

1. Design Standard DIN EN12288-2003
2. Face to Face Dimension DIN EN588-1:1995
3. End Flange Dimension DIN EN1092-1:2002
4. Test Standard DIN EN12266:2003

Performance Specifications				
Nominal Pressure		1.6 Mpa	2.5 Mpa	4.0 Mpa
Pressure Test	Intensity Test	2.4 Mpa	3.75 Mpa	6.0 Mpa
	Back Seal Test	1.76 Mpa	2.75 Mpa	4.4 Mpa
	Seal Test	1.76 Mpa	2.75 Mpa	4.4 Mpa
	Gas Test	0.6 Mpa	0.6 Mpa	0.6 Mpa
适用温度 / Suitable Temperature				(-) 29 - 425℃
适用介质 / Suitable Medium				W.O.G



止回阀是能自动阻止流体倒流的阀门。止回阀的阀瓣在流体压力作用下开启，流体从进口侧流向出口侧。当进口侧压力低于出口侧时，阀瓣在流体压差，自身重力等因素作用下自动关闭以防止流体倒流。

Check Valves are the valves of stopping the fluid from backflow. The disc can be opened by the pressure of fluid. And then the fluid runs from the inlet to the outlet side. When the pressure of inlet is less than outlet, the disc can be closeded automatically and stop the fluid from backflow.

特点 / Features

1. 产品结构合理，密封可靠，性能良好。 / Rational Structures, Reliable Sealing
2. 密封面堆焊硬质合金，耐磨性能好，使用寿命长。 / Hard-alloy Seal, Long Life.

主要零部件材质 / Main Parts and Materials

1. 阀体 / Body	GG GS-C25, CF8, CF8M	7. 垫片 / Gasket	Flexible Graphite+304		
2. 阀瓣 / Disc	GS-C25, CF8, CF8M				
3. 阀盖 / Bonnet	GG GS-C25, CF8, CF8M				
4. 弹簧 / Spring	1.0908				
5. 螺栓 / Bolt	A193-B7, A193-B8				
6. 螺母 / Nut	A1942H, A194-8				

规格尺寸 / Main Sizes and Dimensions:

口径 / Size DN		15	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400
L	PN16	130	150	160	180	200	230	290	310	350	400	480	600	730	850	900	1100
	PN25	130	150	160	180	200	230	290	310	350	400	480	600	730	850	900	1100
	PN40	130	150	160	180	200	230	290	310	350	400	480	600	730	850	900	1100
D	PN16	95	105	115	140	150	165	185	200	220	250	285	340	405	460	520	580
	PN25	95	105	115	140	150	165	185	200	235	270	300	360	425	485	555	620
	PN40	95	105	115	140	150	165	185	200	235	270	300	375	450	515	580	660
D0	PN16	65	75	85	100	110	125	145	160	180	210	240	295	355	410	470	525
	PN25	65	75	85	100	110	125	145	160	190	220	250	310	370	430	490	550
	PN40	65	75	85	100	110	125	145	160	190	220	250	310	385	450	510	585
D1	PN16	45	58	68	78	88	102	122	138	158	188	212	268	320	378	428	490
	PN25	45	58	68	78	88	102	122	138	162	188	218	278	335	395	450	505
	PN40	45	58	68	78	88	102	122	138	162	188	218	285	345	410	465	535
g	PN16	16	18	18	18	18	18	18	20	20	22	22	24	26	28	30	32
	PN25	16	18	18	18	18	20	22	24	24	26	28	30	32	34	38	40
	PN40	16	18	18	18	18	20	22	24	24	26	28	34	38	42	46	50
f	PN16	2	2	2	2	3	3	3	3	3	3	3	3	3	4	4	4
	PN25	2	2	2	2	3	3	3	3	3	3	3	3	3	4	4	4
	PN40	2	2	2	2	3	3	3	3	3	3	3	3	3	4	4	4
nXd	PN16	4x14	4x14	4x14	4x18	4x18	4x18	8x18	8x18	8x18	8x18	8x22	12x22	12x26	12x26	16x26	16x30
	PN25	4x14	4x14	4x14	4x18	4x18	4x18	8x18	8x18	8x22	8x26	8x26	12x26	12x30	16x30	16x33	16x36
	PN40	4x14	4x14	4x14	4x18	4x18	4x18	8x18	8x18	8x18	8x18	8x26	12x30	12x33	16x33	16x36	16x39
H	PN16	70	70	80	80	85	95	110	130	155	165	215	285	325	365	-----	-----
	PN25	70	70	80	80	85	95	110	130	155	165	215	285	325	365	-----	-----
	PN40	70	70	80	80	85	95	110	130	155	165	215	285	325	365	-----	-----
Weight KG	PN16	3.5	3.8	5.0	8.8	12	17	22	39	52	85	150	268			-----	-----
	PN25	3.5	3.8	5.0	8.8	12	17	22	39	52	85	150	268			-----	-----
	PN40	3.5	3.8	5.0	8.8	12	17	22	39	52	85	150	268			-----	-----

德标Y型过滤器

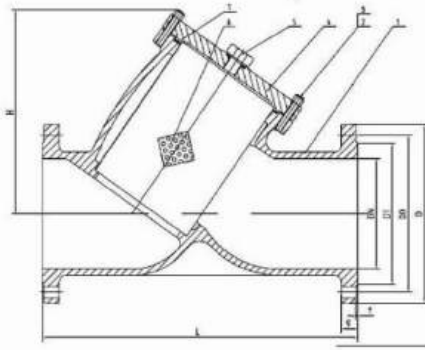
DIN Cast Steel Y Type Strainer

技术规范

1. 设计标准 DIN EN13709-2003
2. 结构长度 DIN EN588-1:1995
3. 法兰标准 DIN EN1092-1:2002
4. 试验标准 DIN EN12266:2003

Technical Specifications

1. Design Standard DIN EN12288-2003
2. Face to Face Dimension DIN EN588-1:1995
3. End Flange Dimension DIN EN1092-1:2002
4. Test Standard DIN EN12266:2003



Performance Specifications				
Nominal Pressure		1.6 Mpa	2.5 Mpa	4.0 Mpa
Pressure Test	Intensity Test	2.4 Mpa	3.75 Mpa	6.0 Mpa
	Back Seal Test	1.76 Mpa	2.75 Mpa	4.4 Mpa
	Seal Test	1.76 Mpa	2.75 Mpa	4.4 Mpa
	Gas Test	0.6 Mpa	0.6 Mpa	0.6 Mpa
适用温度 / Suitable Temperature				(-) 29 - 425℃
适用介质 / Suitable Medium				W.O.G

Y型过滤器是一种输送介质的过滤装置。通常安装在减压阀，泄压阀，定水位阀或其它设备的进口端，用来清除介质中的杂质，以保证阀门和设备的正常使用。Y型过滤器可用于介质为水，油，气。一般通水网为18-30目，通气网18-100目，通油网为100-480目。

Y Type Strainer is a device of medium transfer which are usually installed at the access side of reducing valve, relief valve, level control valve, so as to clear the impurities of the medium and protect valves & devices. Y Strainers apply to the medium of water, oil and gas. For water net 18-30 mesh, gas net - 10-100mesh and 100-480mesh for oil net.

主要零部件材质 / Main Parts and Materials

1. 阀体 / Body	GG GS-C25, CF8, CF8M	7. 垫片 / Gasket	Flexible Graphite+304		
2. 螺栓 / Bolt	A193-B7, A193-B8				
3. 螺母 / Nut	A1942H, A194-8				
4. 阀盖 / Bonnet	GG GS-C25, CF8, CF8M				
5. 螺塞 / Plug Screw	S.S 304				
6. 滤网 / Screen	S.S 304				

规格尺寸 / Main Sizes and Dimensions:

口径 / Size DN		15	20	25	32	40	50	65	80	100	125	150	200	250	300	350	400
L	PN16	130	150	160	180	200	230	290	310	350	400	480	600	730	850	900	1100
	PN25	130	150	160	180	200	230	290	310	350	400	480	600	730	850	900	1100
	PN40	130	150	160	180	200	230	290	310	350	400	480	600	730	850	900	1100
D	PN16	95	105	115	140	150	165	185	200	220	250	285	340	405	460	520	580
	PN25	95	105	115	140	150	165	185	200	235	270	300	360	425	485	555	620
	PN40	95	105	115	140	150	165	185	200	235	270	300	375	450	515	580	660
D0	PN16	65	75	85	100	110	125	145	160	180	210	240	295	355	410	470	525
	PN25	65	75	85	100	110	125	145	160	190	220	250	310	370	430	490	550
	PN40	65	75	85	100	110	125	145	160	190	220	250	310	385	450	510	585
D1	PN16	45	58	68	78	88	102	122	138	158	188	212	268	320	378	428	490
	PN25	45	58	68	78	88	102	122	138	162	188	218	278	335	395	450	505
	PN40	45	58	68	78	88	102	122	138	162	188	218	285	345	410	465	535
g	PN16	16	18	18	18	18	18	18	20	20	22	22	24	26	28	30	32
	PN25	16	18	18	18	18	18	20	22	24	24	26	28	30	32	34	38
	PN40	16	18	18	18	18	18	20	22	24	24	26	28	34	38	42	50
f	PN16	2	2	2	2	3	3	3	3	3	3	3	3	3	4	4	4
	PN25	2	2	2	2	3	3	3	3	3	3	3	3	3	4	4	4
	PN40	2	2	2	2	3	3	3	3	3	3	3	3	3	4	4	4
nXd	PN16	4x14	4x14	4x14	4x18	4x18	4x18	8x18	8x18	8x18	8x18	8x22	12x22	12x26	12x26	16x26	16x30
	PN25	4x14	4x14	4x14	4x18	4x18	4x18	8x18	8x18	8x22	8x26	8x26	12x26	12x30	16x30	16x33	16x36
	PN40	4x14	4x14	4x14	4x18	4x18	4x18	8x18	8x18	8x18	8x18	8x26	12x30	12x33	16x33	16x36	16x39
H	PN16	85	95	110	125	145	155	175	210	230	270	300	385	535	680	-----	-----
	PN25	85	95	110	125	145	155	175	210	230	270	300	385	535	680	-----	-----
	PN40	85	95	110	125	145	155	175	210	230	270	300	385	535	680	-----	-----
Weight KG	PN16	3.5	4.5	5.0	7.5	9.5	12	22	32	48	68	189	300			-----	-----
	PN25	3.5	4.5	5.0	7.5	9.5	12	22	32	48	68	189	300			-----	-----
	PN40	3.5	4.5	5.0	7.5	9.5	12	22	32	48	68	189	300			-----	-----

Angle Globe valve

in carbon steel, alloy steel and stainless steel

PN16-40

DN15-400

K Brand

Design

- Shut of valve in casted and forged steel
- Straight patter with vertical stem and bolted bonnet
- Raised, turning stem
- Stem sealing in graphite
- Out blowing safe stem
- Back sealed stem
- Flanged or butt welded ends
- Welded seat
- Seat in Cr-steel or Stellite
- Self adjusted gland

Standards

- Design EN 13709, EN 12516
- Face to face EN 558-1-9series,
- Flanges EN 1092-1
- Welded ends EN 12627
- Labeling EN 19
- Pressure test EN 12266-1
- CE-mark according PED97/23, category 3

Applications

- Water, steam, and other medium which not damage the internal components
- Uses within the all kind of industries
- The valves are designed for shut of application or simple regulation



Table 1. Technical data

Dimension	DN 15 to DN 400 Up to PN40, DN15 to DN50 BW-ends in forged steel
Material	Carbon steel, alloy steel Stainless steel
Pressure	PN 16 to PN 40
Temperature range	-10°C to 400°C
Connections	Flanged, butt weld end
Seat	13 Cr, Stellite
Disc	Shut of and regulation

Table 2. Pressure- temperature range for according to EN 1092-1

Material body	PN	RT	100	150	200	250	300	350	400	450	500	520	530
Carbon steel 3EO, 1.0619/1.0460	16	16.0	14.9	13.9	12.4	11.4	10.3	9.6	9.2				
Carbon steel 3EO, 1.0619/1.0460	25/40	40.0	37.3	34.7	30.2	28.4	25.8	24.0	23.1				
Alloy steel 5EO, 1.7357/1.7335		40.0	40.0	40.0	40.0	39.1	36.4	33.8	32.0	30.2	24.4	16.7	13.5
Stainless steel 13EO, 1.4404	16	13.5	11.7	10.7	9.7	9.0	8.5	8.0	7.7	7.4	7.1		
Stainless steel 14EO, 1.4408		14.6	12.4	11.2	10.3	9.6	9.0	8.5	8.2	8	7.8	7.7	7.5
Stainless steel 13EO, 1.4404	25/40	33.8	29.3	26.7	24.4	22.6	21.2	20.1	19.2	18.5	17.8		
Stainless steel 14EO, 1.4408		36.4	31.1	28.1	25.8	24.0	22.6	21.3	20.4	20.1	19.6	19.2	18.8

Angle Globe valve

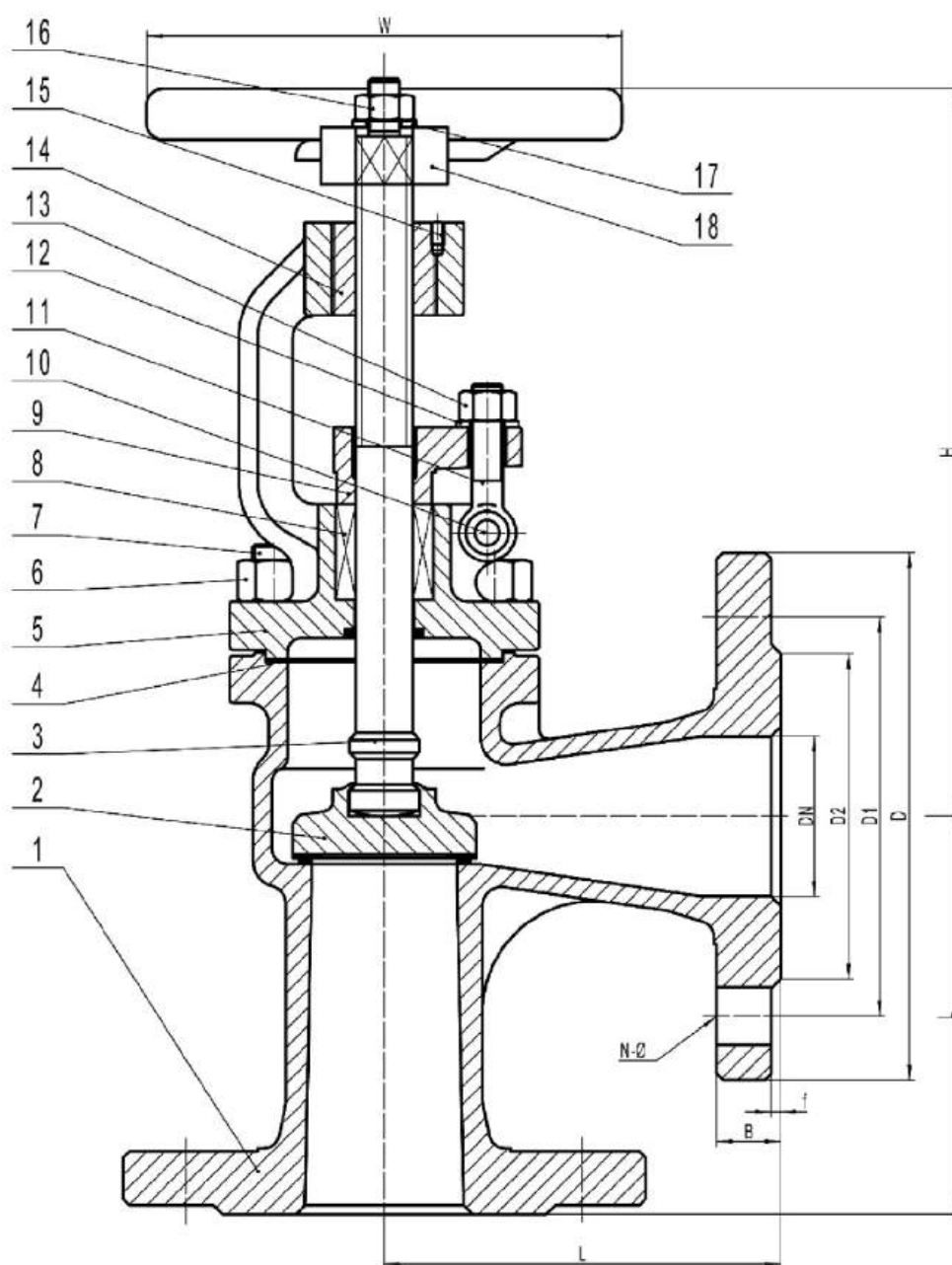
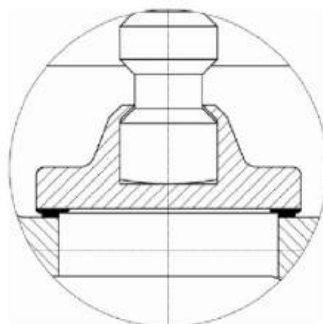
in carbon steel, alloy steel and stainless steel

PN16-40

DN15-400

K Brand

Casted valves
DN15-DN50



Angle Globe valve

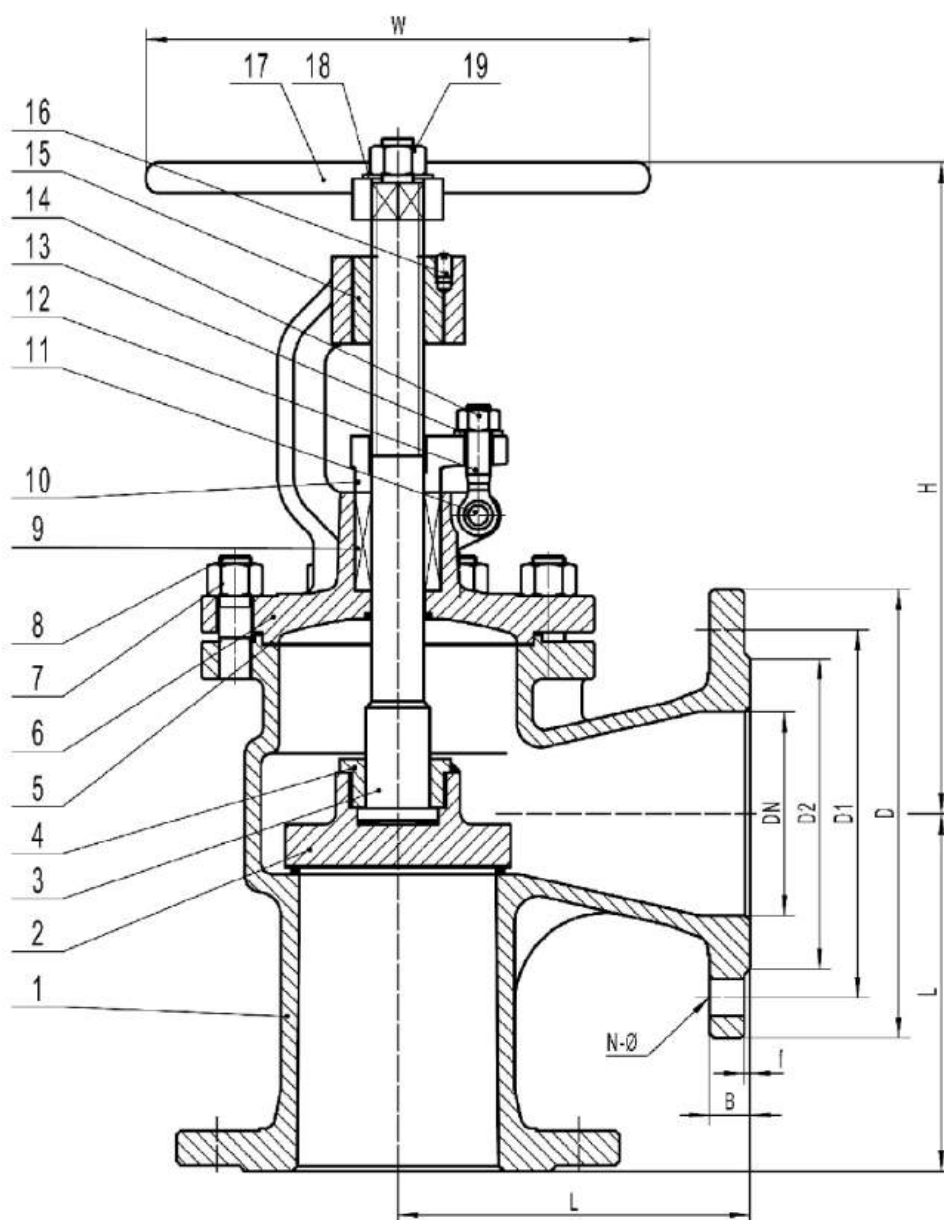
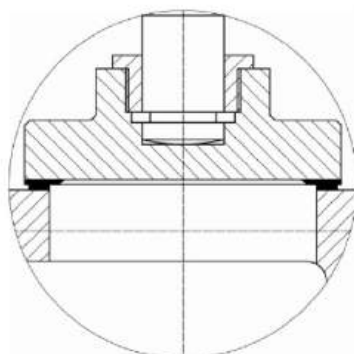
in carbon steel, alloy steel and stainless steel

PN16-40

DN15-400

K Brand

Casted valves
DN65-DN400



Angle Globe valve

in carbon steel, alloy steel and stainless steel

PN16-40

DN15-400

K Brand

Table3.Material specification-DN15-DN50

POS	Detail	carbon steel -10℃ till 400℃		Alloy steel -10℃ till 530℃		stainless steel -20℃ till 200℃			
1	Body	1.0619		1.7357		CF8/1.4308		CF8M/1.4408	
2	Disc	13Cr		1.7357		F304		F316	
	Seat	13Cr	Stellite	17Cr	Stellite	SS304	Stellite	SS316	Stellite
3	Stem	X20Cr13		X20Cr13		F304		F316	
4	Gasket	SS304+Graphite/PTFE		SS304+Graphite/PTFE		SS304+Graphite/PTFE		SS316+Graphite/PTFE	
5	Bonnet	1.0619		1.7357		CF8/1.4308		CF8M/1.4408	
6	Nut	A194 2H		A194 2H		A194 8		A194 8M	
7	Bolt	A193 B7		A193 B7		A193 B8		A193 B8M	
8	Packing	Graphite/PTFE		Graphite/PTFE		Graphite/PTFE		Graphite/PTFE	
9	Gland	1.0619		1.7357		CF8/1.4308		CF8M/1.4408	
10	Pin	CK25		CK25		SS304		SS304	
11	Eye blot	A193 B7		A193 B7		A194 8		A194 8M	
12	Washer	CK25		CK25		SS304		SS304	
13	Nut	A194 2H		A194 2H		A194 8		A194 8M	
14	Stem Nut	GGG40.3		GGG40.3		GGG40.3		GGG40.3	
15	Lock screw	CK25		CK25		CK25		CK25	
16	Nut	A194 2H		A194 2H		A194 8		A194 8M	
17	Washer	CK25		CK25		SS304		SS316	
18	Handwheel	C22.8		C22.8		C22.8		C22.8	

Angle Globe valve

in carbon steel, alloy steel and stainless steel

PN16-40

DN15-400

K Brand

Table3.Material specification-DN65-DN400

POS	Detail	carbon steel -10℃ till 400℃		Alloy steel -10℃ till 530℃		stainless steel -20℃ till 200℃			
1	Body	1.0619		1.7357		CF8/1.4308		CF8M/1.4408	
2	Disc	13Cr		1.7357		F304		F316	
	Seat	13Cr	Stellite	17Cr	Stellite	SS304	Stellite	SS316	Stellite
3	Stem	X20Cr13		X20Cr13		F304		F316	
4	Disc screw	C22.8		C22.8		SS304		SS316	
5	Gasket	SS304+Graphite/PTFE		SS304+Graphite/PTFE		SS304+Graphite/PTFE		SS316+Graphite/PTFE	
6	Bonnet	1.0619		1.7357		CF8/1.4308		CF8M/1.4408	
7	Nut	A194 2H		A194 2H		A194 8		A194 8M	
8	Bolt	A193 B7		A193 B7		A193 B8		A193 B8M	
9	Packing	Graphite/PTFE		Graphite/PTFE		Graphite/PTFE		Graphite/PTFE	
10	Gland	1.0619		1.7357		CF8/1.4308		CF8M/1.4408	
11	Pin	CK25		CK25		SS304		SS304	
12	Eye blot	A193 B7		A193 B7		A194 8		A194 8M	
13	Washer	CK25		CK25		SS304		SS304	
14	Nut	A194 2H		A194 2H		A194 8		A194 8M	
15	Stem Nut	GGG40.3		GGG40.3		GGG40.3		GGG40.3	
16	Lock screw	CK25		CK25		CK25		CK25	
17	Handwheel	C22.8		C22.8		C22.8		C22.8	
18	Washer	CK25		CK25		SS304		SS316	
19	Nut	A194 2H		A194 2H		A194 8		A194 8M	

Angle Globe valve

in carbon steel, alloy steel and stainless steel

PN16-40

DN15-400

K Brand

Table5.Material specification-DN200-DN400

POS	Detail	Carbon steel -10℃ till 400℃		Alloy steel -10℃ till 530℃		Stainless steel -20℃ till 200℃			
1	Body	1.0619		1.7357		CF8/1.4308		CF8M/1.4408	
2	Screw	C22.8		C22.8		F304		F316	
	Seat	13Cr	Stellite	17Cr	Stellite	SS304	stellite	SS316	stellite
3	Pin	C22.8		1.7357		SS304		SS316	
4	Balance Disc	1.0460		1.0460		F304		F316	
5	Disc	1.0460		1.0460		F304		F316	
6	Split ring	C22.8		C22.8		SS304		SS316	
7	Disc screw	C22.8		C22.8		F304		F316	
8	Stem	X20Cr13		X20Cr13		F304		F316	
9	Gasket	SS304+Graphite		SS304+Graphite		SS304+Graphite/PTFE		SS316+Graphite/PTFE	
10	Nut	A194 2H		1.7709		A194 8		A194 8M	
11	Bolt	A193 B7		1.7709		A193 B8		A193 B8M	
12	Packing	Graphite		Graphite		Graphite/PTFE		Graphite/PTFE	
13	Bonnet	1.0619		1.7357		CF8(2C1)		CF8M(2C2)	
14	Wheel	C22.8		C22.8		C22.8		C22.8	
15	Stem nut	Al-alloy		Al-alloy		Al-alloy		Al-alloy	
16	Eye blot	A193 B7		1.7709		A193 B8		A193 B8M	
17	Nut	A194 2H		1.7709		A194 8		A194 8M	
18	Gland	C22.8		C22.8		F304		F316	
19	Pin	CK25		CK25		SS304		SS304	

Angle Globe valve

in carbon steel, alloy steel and stainless steel

PN16-40

DN15-400

K Brand

Table 5. Dimension and weight. PN16-PN25/40

Face to face:flanged acc. to EN 558-1 table 9. Flange acc.to EN1092-1, type B1,
Face to face:butt welded acc.to EN12982, serie 1; butt weld ends acc.to EN12627

DN	PN	L	D	D1	D2	B	N-Φd	Weight flanged	Weight BW-end	ΦW	H _{max}	Kv Z=4,4
mm		mm	mm	mm	mm	mm	antxmm	Kg	Kg	mm	Mm	m ³ /h
15	16-25/40	90	95	65	45	16	4x14	3.4	2.9	120	160	4.6
20		95	105	75	58	18	4x14	5.4	4.9	140	170	8.0
25		100	115	85	68	18	4x14	6.7	6.0	140	185	13.2
32		105	140	100	78	18	4x18	8.4	7.6	140	185	21.0
40		115	150	110	88	18	4x18	10.8	9.7	160	215	33.0
50		125	165	125	102	20	4x18	14.6	13.1	160	230	51.0
65	16	145	185	145	122	18	8x18	21.4	19.3	180	255	83.0
80		155	200	160	138	20	8x18	28.1	25.3	200	290	133.0
100		175	220	180	162	20	8x18	37.8	34.0	250	320	205.0
125		200	250	210	188	22	8x18	63.4	57.1	250	365	315.0
150		225	285	240	218	22	8x22	88.3	79.5	350	420	454.0
200		275	340	295	268	24	12x22	171	153.9	500	465	780.0
250		325	405	355	320	26	12x26	320	288.0	500	520	1285.0
300		375	460	410	378	28	12x26	440	396.0	500	675	1805.0
350		425	520	470	438	30	16x26	614	552.6	600	810	2425.0
400		475	580	525	490	32	16x30	950	855.0	600	900	3010.0
65	25/40	145	185	145	122	22	8x18	21.9	19.7	180	255	83.0
80		155	200	160	138	24	8x18	29	26.1	200	290	133.0
100		175	235	190	162	26	8x22	40.8	36.7	250	320	205.0
125		200	270	220	188	26	8x26	68	61.2	250	365	315.0
150		225	300	250	218	28	8x26	94.7	85.2	350	420	454.0
200	25	275	360	310	278	30	12x26	182	163.8	500	465	780.0
250		325	425	370	335	32	12x30	335	301.5	500	520	1285.0
300		375	485	430	395	34	16x30	462	415.8	500	675	1805.0
350		425	555	490	450	38	16x33	654	588.6	600	810	2425.0
400		475	620	555	505	40	16x36	995	895.5	600	900	3010.0
200	40	275	375	320	285	34	12x30	192	172.8	500	465	780.0
250		325	450	385	345	38	12x33	359	323.1	500	520	1285.0
300		375	515	450	410	42	16x33	492	442.8	500	675	1805.0
350		425	580	510	465	46	16x36	689	620.1	600	810	2425.0
400		475	660	585	535	50	16x39	1035	931.5	600	900	3010.0