



地址：郑州荥阳汜水工业区 (450141)
Add: YUMING INDUSTRIAL PARK, XINGYANG CITY, ZHENGZHOU HENAN CHINA
Tel: +8618838296432
Fax: 0371-64892666
E-mail: yuming@ym-valves.com
sales@ym-valves.com

WEB: www.yuming-valves.com
www.ym-valves.com

FOR MORE INFORMATION ABOUT OUR TECHNOLOGY,
PLEASE VISIT HERE www.yuming-valves.com



宇明阀门集团
YUMING VALVE GROUP

Harbor the world a Better Tomorrow

— Warmly celebrate the 50th anniversary of Yuming valve group —

中国驰名商标
China Well-known Trademark



企业简介

Company Profile

宇明阀门集团有限公司位于“中国阀门之乡”荥阳，北临黄河，毗邻S314省道，连霍高速、陇海铁路，交通便利，物流发达。公司始建于1972年，工业园区占地面积82000平方米。现有员工500余人，各类专业技术人员80余人，注册资金1亿元。已成为集研发、制造、销售于一体的专业阀门制造商。

2021年，宇明阀门出口营业额突破2000万美元；2022年，宇明阀门出口营业额突破2500万美元，并试图在未来做的更好。在2021年新增两条生产线，主要生产大型工程类阀门(DN4000以下)；并在2021年底投资郑州一阀流体科技有限公司，拥有生产设备600多台，其中机加工、试验机、测量设备300多台，操作人员约400多人，我们拥有多年的阀门制造经验，并且拥有最专业的团队。我们想强调的是，在宇明的研发部门有6名高级工程师和12名相关的主要工程师帮助CAD绘图和技术支持，另外4名专家在QC部门。

除了优秀的生产团队，宇明阀门还拥有全面的销售管理，与全球客户打交道。95%的营业额来自出口俄罗斯、阿根廷、菲律宾、越南、印度尼西亚、哥伦比亚、智利、瑞典、挪威、比利时、法国、德国、罗马尼亚、意大利、西班牙、土耳其、以色列、伊朗、埃及、南非、澳大利亚、马来西亚、泰国、新加坡、美国、香港、台湾和韩国，与中外朋友合作共赢，建立了牢固的合作关系，同时更结下了深厚的情谊，为宇明阀门的发展注入了持久的活力。

选择“宇明”，选择“信任”。

Yuming Valve Group Co., Ltd. is located in Xingyang, the "Hometown of Valves in China", facing the Yellow River to the north, adjacent to S314 Provincial Highway, Lianhuo Expressway and Longhai Railway, with convenient transportation and developed logistics. The company was founded in 1972, and the industrial park covers an area of 82,000 square meters. There are more than 500 employees, more than 80 professional and technical personnel of various types, and a registered capital of 100 million yuan. It has become a professional valve manufacturer integrating R&D, manufacturing and sales.

2021, Yuming valve export turnover exceeded 20 million US dollars. In 2022, Yuming valve export turnover exceeded 25 million US dollars, and is trying to do more in the future. In 2021, two new production lines has added, mainly producing bigger size(up to DN4000) engineering valves; and at the end of 2021, we invested in Zhengzhou Yiva Fluid Technology Co., Ltd., and we have more than 600 production facilities, including more than 300 machining, testing machines, and measuring equipment. about 400 operators, we have many years of valve manufacturing experience, and have the most professional team. We would like to emphasize that there are 6 senior engineers and 12 related main engineers in Yuming's R&D department to help with CAD drawing and technical support, and the other 4 experts are in the QC department ,

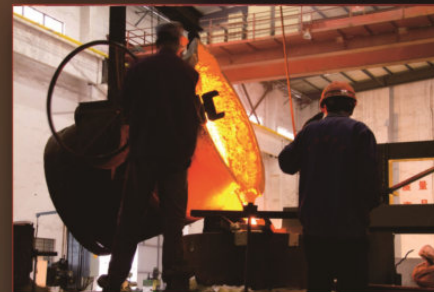
In addition to an excellent production team, Yuming Valve also has a comprehensive sales management to deal with global customers. And 95% of the turnover comes from exports to Russia, Argentina, the Philippines, Vietnam, Indonesia, Colombia, Peru, Chile, Sweden, Norway, Belgium, France, Germany, Romania, Italy, Spain, Turkey, Israel, Iran, Egypt, South Africa, Australia , Malaysia, Thailand, Singapore, the United States, Hong Kong, Taiwan and South Korea, and win-win cooperation with Chinese and foreign friends, established a deep cooperative relationship, and at the same time forged a stronger friendship, which injected lasting vitality into the development of Yuming.

Select "Yuming", select "Trust"

YUMING VALVE GROUP

Expert in Industry Fluid
System Control

铸件生产 Casting Production



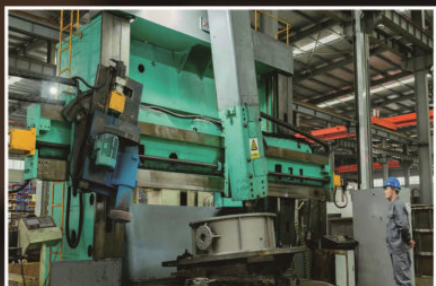
YUMING VALVE GROUP

Expert in Industry Fluid
System Control

生产装备 Production equipment

拥有铸造、加工、焊接、热处理等先进的加工设备和专业化的生产车间，不断完善产品加工工艺，严格控制产品制造的每一道工序、每一个环节，精益求精，确保宇明阀门的优良品质。

It has advanced processing equipment such as casting, machining, welding, heat treatment, and specialized production workshops, constantly improves product processing technology, strictly controls every process and every link of product manufacturing, and strives for excellence to ensure the excellent quality of Yuming valves.



YUMING VALVE GROUP

Expert in Industry Fluid
System Control

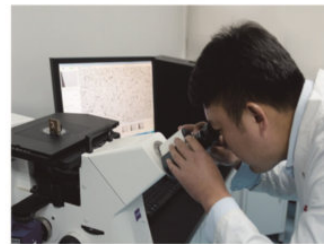
检测中心 Test Center



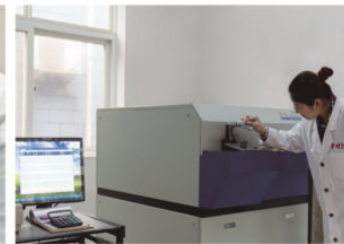
• 冲击试验机
Impact testing machine

为了提供高品质产品，公司配置了先进的检测设备以及完善的检测手段，建立了一支严格要求的品质管理队伍，实现了从原材料检测，生产过程检测，产品及应用全过程的质量控制。

In order to improve the quality of products, The company is equipped with advanced testing equipment and perfect testing methods, Established a strict quality management team, Realized from the detection of raw materials, production process testing, Quality control of the whole process of products and applications.



• 金相分析仪
Metallographic Analyzer



• 直读光谱仪
Direct Reading Spectrometer



• 试样制备机
Sample preparation machine

YUMING VALVE GROUP

 Expert Industry Fluid
 System Control

铸钢阀门

Cast steel valves



Cast Steel Series

> DIN VALVE SERIES

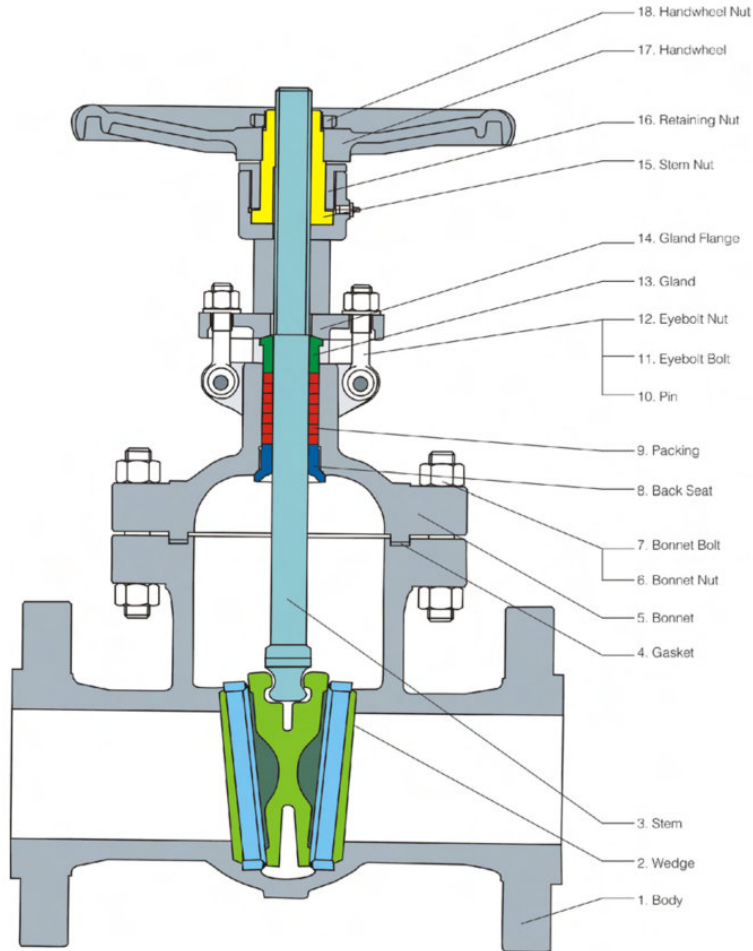
02~08	DIN3352 Cast steel gate valve
09~14	DIN3356 Cast steel globe valve
15~17	DIN Cast steel check valve
18~18	DIN3202 F1 Cast steel Y-strainer
19~19	DIN3357 Cast steel ball valve

> ANSI VALVE SERIES

20~25	API600 Cast steel gate valve
26~26	API603 Cast stainless steel gate valve
27~30	BS1783 Cast steel globe valve
31~35	API6D Cast steel check valve
37~37	API6D Cast steel plug valve
38~43	BS5351 Cast steel ball valve
44~44	ANSI Cast steel Y-strainer
45~45	ANSI Basket strainer

> FORGED STEEL VALVE SERIES

47~49	Forged steel gate valve
50~53	Forged steel globe valve
54~56	Forged steel check valve
57~57	Nace resist SSC valves (NACE MR 0175)



1. Drive unit is made to use's request if not specified handwheel drive will be used.
2. Top-mounted stem nut can prevent stem disc from falling off when valve is at 'open' position and handwheel is taken off.
3. Packing uses flexible graphite for dependable sealing performance. If requested by users, packing spacer ring and greasing mechanism can be available.
4. Upper seal design to ensure dependable packing and sealing when valve is fully opened. (Replacement of packing under pressure is not recommended).
5. Lift stem, with stem and disc connected by t-slot, and stem T head integrally forged to ensure sufficient strength of joint.

Design Construction:

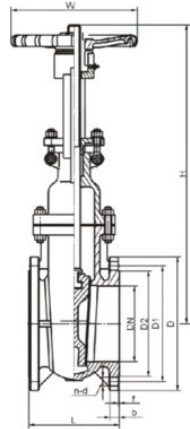
1. Design and Manufacture: DIN 3352
2. Inspection and Test: ISO 5208, DIN 3230
3. Flanged ends dimension: EN 1092-1, DIN2544 PN25, DIN2545 PN40, DIN2546 PN64
4. Butt-welded ends dimension: DIN 3239
5. Face to face and end to end: DIN 3202, EN 558-1, ISO 5752
6. Pressure-temperature ratings: DIN 2401

Trim Materials According To API600/ ISO 10434

Trim NO.	Disc Surfaces	Seat Surfaces	Stem & Back seat Material
1	13Cr	13Cr	F6a
2	18Cr-8Ni	18Cr-8Ni	F304
3	25Cr-20Ni	25Cr-20Ni	25Cr-20Ni
5	Stellite	Stellite	F6a
6	13Cr	CuNi	F6a
8	13Cr	Stellite	F6a
9	NiCu alloy	NiCu alloy	NiCu alloy
10	18Cr-8Ni-Mo	18Cr-8Ni-Mo	18Cr-8Ni-Mo
11	NiCu alloy	Stellite	NiCu alloy
12	18Cr-8Ni-Mo	Stellite	18Cr-8Ni-Mo
13	19Cr-29Ni	19Cr-29Ni	19Cr-29Ni
14	19Cr-29Ni	Stellite	19Cr-29Ni

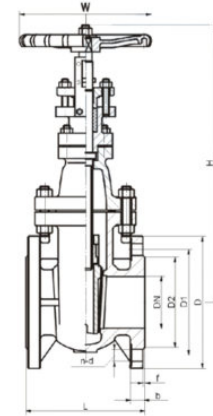
Standard Material Specifications

NO	Part Name	Carbon steel		Alloy Steel		Stainless steel	
		WCB	LCB	WC6	WC9	CF8	CF8M
1	Body	A216 WCB	A352 LCB	A217 WC6	A217 WC9	A351 CF8	A351 CF8M
2	Wedge	A216 WCB	A352 LCB	A217 WC6	A217 WC9	A351 CF8	A351 CF8M
3	Stem	A182 F6	A182 F6	A182 F304	A182 F304	A182 F304	A182 F316
4	Gasket	Soft Graphite+SS304					
5	Bonnet	A216 WCB	A352 LCB	A217 WC6	A217 WC9	A351 CF8	A351 CF8M
6	Bonnet Nut	A194 2H	A194 4	A194 7	A194 7	A194 8	A194 8M
7	Bonnet Bolt	A193 B7	A193 L7	A193 B16	A193 B16	A193 B8	A193 B8M
8	Back Seat	A182 F6	A182 F6	A182 F304	A182 F304	A182 F304	A182 F316
9	Packing	Soft Graphite or PTFE					
10	Pin	A276 TYPE 410					
11	Eyebolt Bolt	A193 B7	A193 B7	A193 B7	A193 B7	A193 B8	A193 B8
12	Eyebolt Nut	A194 2H	A194 2H	A194 2H	A194 2H	A194 8	A194 8
13	Gland	A182 F6	A182 F6	A182 F6	A182 F6	A182 F304	A182 F316
14	Gland Flange	A216 WCB	A216 WCB	A216 WCB	A216 WCB	A351 CF8	A351 CF8
15	Stem Nut	Ductile Iron	Ductile Iron	Ductile Iron	Ductile Iron	Ductile Iron	Ductile Iron
16	Retaining Nut	Carbon Steel	Carbon Steel	Carbon Steel	Carbon Steel	Carbon Steel	Carbon Steel
17	Handwheel	Ductile Iron or Steel					
18	Handwheel Nut	Cast Steel	Cast Steel	Cast Steel	Cast Steel	Cast Steel	Cast Steel



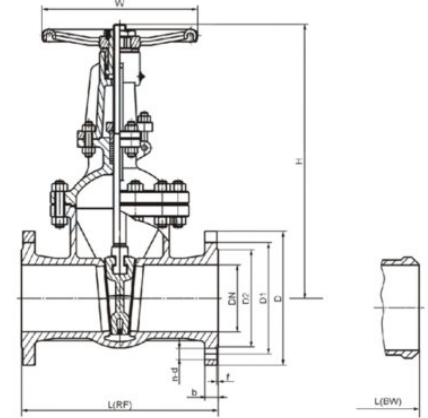
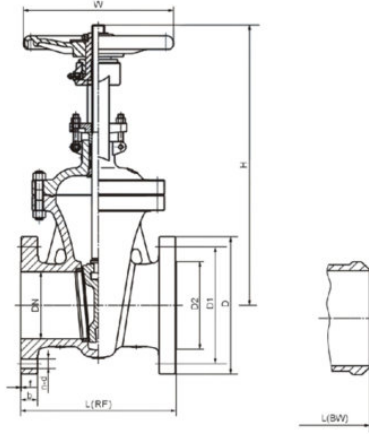
Dimensions Data

PN	DN	L	D	D1	D2	f	b	n-d	H	W	WT(RF.KG)
10	40	140	150	110	88	3	18	4-18	395	160	14
	50	150	165	125	102	3	20	4-18	400	160	18
	65	170	185	145	122	3	20	4-18	420	160	22
	80	180	200	160	138	3	22	8-18	485	160	29
	100	190	220	180	158	3	22	8-18	580	200	39
	125	200	250	210	188	3	24	8-18	710	200	53
	150	210	285	240	212	3	24	8-22	741	200	62
	200	230	340	295	268	3	26	8-22	960	200	101
	250	250	395	350	320	3	28	8-22	1055	320	160
	300	270	445	400	370	4	28	12-22	1352	320	224
350	290	505	460	430	4	30	12-22	1520	360	328	
400	310	565	515	482	4	32	16-22	1734	360	416	
16	40	140	150	110	88	3	18	4-18	395	160	14
	50	150	165	125	102	3	20	4-18	400	160	18
	65	170	185	145	122	3	18	4-18	420	160	22
	80	180	200	160	138	3	20	8-18	485	160	29
	100	190	220	180	158	3	20	8-18	580	200	39
	125	200	250	210	188	3	22	8-18	710	200	53
	150	210	285	240	212	3	22	8-22	741	200	62
	200	230	340	295	268	3	24	12-22	960	200	110
	250	250	405	355	320	3	26	12-26	1055	320	167
	300	270	460	410	378	4	28	12-26	1352	320	241
350	290	520	470	438	4	30	16-26	1520	360	337	
400	310	580	525	490	4	32	16-30	1734	360	429	



Dimensions Data

PN	DN	L	D	D1	D2	f	b	n-d	H	W	WT(RF.KG)
10	40	140	150	110	88	3	18	4-18	278	160	13
	50	150	165	125	102	3	20	4-18	285	160	16
	65	170	185	145	122	3	20	4-18	315	160	20
	80	180	200	160	138	3	22	8-18	360	160	26
	100	190	220	180	158	3	22	8-18	419	200	35
	125	200	250	210	188	3	24	8-18	447	200	48
	150	210	285	240	212	3	24	8-22	546	200	56
	200	230	340	295	268	3	26	8-22	645	200	92
	250	250	395	350	320	3	28	8-22	749	320	145
	300	270	445	400	370	4	28	12-22	830	320	204
350	290	505	460	430	4	30	12-22	950	360	298	
400	310	565	515	482	4	32	16-22	1120	360	378	
16	40	140	150	110	88	3	18	4-18	278	160	13
	50	150	165	125	102	3	20	4-18	285	160	16
	65	170	185	145	122	3	18	4-18	315	160	20
	80	180	200	160	138	3	20	8-18	360	160	26
	100	190	220	180	158	3	20	8-18	419	200	35
	125	200	250	210	188	3	22	8-18	447	200	48
	150	210	285	240	212	3	22	8-22	546	200	56
	200	230	340	295	268	3	24	12-22	645	200	100
	250	250	405	355	320	3	26	12-26	749	320	152
	300	270	460	410	378	4	28	12-26	830	320	219
350	290	520	470	438	4	30	16-26	950	360	306	
400	310	580	525	490	4	32	16-30	1120	360	390	

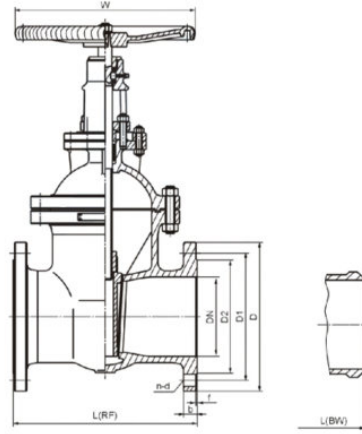


Dimensions Data

PN	DN	L (RF)	L(BW)	D	D1	D2	f	b	n-d	W	H	WT(RF.KG)
16	40	200	200	150	110	88	3	18	4-18	200	300	17
	50	250	250	165	125	102	3	20	4-18	280	358	19
	65	270	270	185	145	122	3	18	4-18	280	375	27.5
	80	280	280	200	160	138	3	20	8-18	320	433	32
	100	300	300	220	180	158	3	20	8-18	360	502	40
	125	325	325	250	210	188	3	22	8-18	400	612	68
	150	350	350	285	240	212	3	22	8-22	400	676	75
	200	400	400	340	295	268	3	24	12-22	400	820	115
	250	450	450	405	355	320	3	26	12-26	450	969	140
	300	500	500	460	410	378	4	28	12-26	560	1142	310
	350	550	550	520	470	438	4	30	16-26	640	1280	390
	400	600	600	580	525	490	4	32	16-30	640	1452	460
	500	700	700	715	650	610	4	40	20-33	720	1676	750
	600	800	800	840	770	725	5	40	20-36	800	1864	900
	700	900	900	910	840	795	5	42	24-36	800	2083	1600
	800	1000	1000	1025	950	900	5	42	24-39	950	2400	2100
25	40	200	200	150	110	88	3	18	4-18	200	300	17
	50	250	250	165	125	102	3	20	4-18	280	358	19
	65	270	270	185	145	122	3	22	8-18	280	375	27.5
	80	280	280	200	160	138	3	24	8-18	320	433	34.5
	100	300	300	235	190	162	3	24	8-22	360	502	43
	125	325	325	270	220	188	3	26	8-26	400	612	72
	150	350	350	300	250	218	3	28	8-26	400	676	79
	200	400	400	360	310	278	3	30	12-26	400	820	123
	250	450	450	425	370	335	3	32	12-30	450	969	150
	300	500	500	485	430	395	4	34	16-30	560	1142	330
	350	550	550	555	490	450	4	38	16-33	640	1280	415
	400	600	600	620	550	505	4	40	16-36	640	1452	480
500	700	700	730	660	615	4	44	20-36	720	1676	840	
600	800	800	845	770	720	5	46	20-39	800	1864	915	

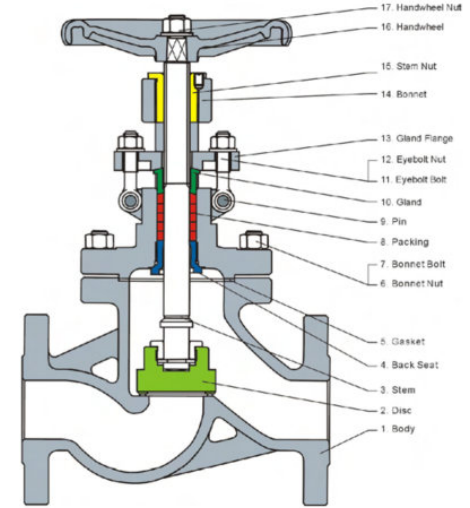
Dimensions Data

PN	DN	L (RF)	L(BW)	D	D1	D2	f	b	n-d	W	H	WT(RF.KG)	
40	40	240	240	150	110	88	3	18	4-18	200	323	17	
	50	250	250	165	125	102	3	20	4-18	280	372	19	
	65	290	290	185	145	122	3	22	8-18	280	395	27.5	
	80	310	310	200	160	138	3	24	8-18	320	457	38	
	100	350	350	235	190	162	3	24	8-22	360	552	56	
	125	400	400	270	220	188	3	26	8-26	400	634	95	
	150	450	450	300	250	218	3	28	8-26	400	708	104	
	200	550	550	375	320	285	3	34	12-30	450	858	184	
	250	650	650	450	385	345	3	38	12-33	560	1015	352	
	300	750	750	515	450	410	4	42	16-33	640	1203	470	
	350	850	850	580	510	465	4	46	16-36	640	1341	680	
	400	950	950	660	585	535	4	50	16-39	720	1492	910	
	500	1150	1150	755	670	615	4	52	20-42	950	1790	1450	
	64	40	240	240	170	125	88	3	26	4-22	240	360	19
		50	250	250	180	135	102	3	26	4-22	280	404	20
		65	290	290	205	160	122	3	26	8-22	280	456	35
80		310	310	215	170	138	3	28	8-22	320	504	52	
100		350	350	250	200	162	3	30	8-26	360	553	66	
125		400	400	295	240	188	3	34	8-30	400	638	103	
150		450	450	345	280	218	3	36	8-33	450	718	140	
200		550	550	415	345	285	3	42	12-36	560	873	230	
250		650	650	470	400	345	3	46	12-36	640	1053	410	
300		750	750	530	460	410	4	52	16-36	640	1203	510	
350		850	850	600	525	465	4	56	16-39	720	1394	780	
400		950	950	670	585	535	4	60	16-42	800	1645	940	
500	1150	1150	800	705	615	4	68	20-48	950	2285	1600		



Dimensions Data

PN	DN	L (RF)	L(BW)	D	D1	D2	f	b	n-d	W	H	WT(RF,KG)
25	40	200	240	150	110	88	3	18	4-18	200	320	19
	50	250	250	165	125	102	3	20	4-18	200	325	20
	65	270	270	185	145	122	3	22	8-18	200	363	30
	80	280	280	200	160	138	3	24	8-18	250	415	39
	100	300	330	235	190	162	3	24	8-22	300	453	58
	125	325	360	270	220	188	3	26	8-26	350	505	80
	150	350	390	300	250	218	3	28	8-26	400	556	101
	200	400	460	360	310	278	3	30	12-26	450	744	190
	250	450	530	425	370	335	3	32	12-30	500	864	290
	300	500	630	485	430	395	4	34	16-30	550	948	405
	350	550	690	555	490	450	4	38	16-33	600	1012	510
	400	600	750	620	550	505	4	40	16-36	640	1180	650
500	700	880	730	660	615	4	44	20-36	720	1320	960	
40	40	240	240	150	110	88	3	18	4-18	200	320	20
	50	250	250	165	125	102	3	20	4-18	200	325	22
	65	270	270	185	145	122	3	22	8-18	200	363	31
	80	280	280	200	160	138	3	24	8-18	250	415	41.5
	100	330	330	235	190	162	3	24	8-26	300	453	61
	125	360	360	270	220	188	3	26	8-26	350	505	83
	150	390	390	300	250	218	3	28	8-26	400	556	110
	200	460	460	375	320	285	3	34	12-30	450	744	210
	250	530	530	450	385	345	3	38	12-33	500	864	318.5
	300	630	630	515	450	410	4	42	16-33	550	948	430
	350	690	690	580	510	465	4	46	16-36	600	1012	520
	400	750	750	660	585	535	4	50	16-39	720	1180	680
500	880	880	755	670	615	4	52	20-42	950	1320	1060	

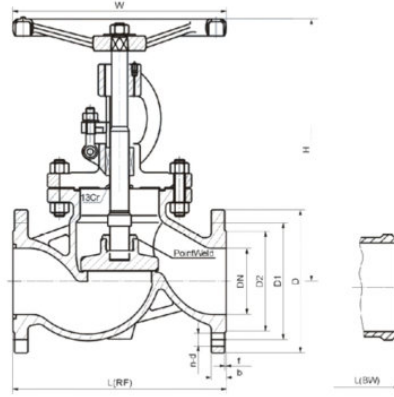


Design Construction:

- Design and Manufacture: DIN 3352
- Inspection and Test: ISO 5208, DIN 3230
- Flanged ends dimension:
EN 1092-1, DIN2544 PN25, DIN2545 PN40, DIN2546 PN64
- Butt-welded ends dimension: DIN 3239
- Face to face and end to end: DIN 3202, EN 558-1, ISO 5752
- Pressure-temperature ratings: DIN 2401

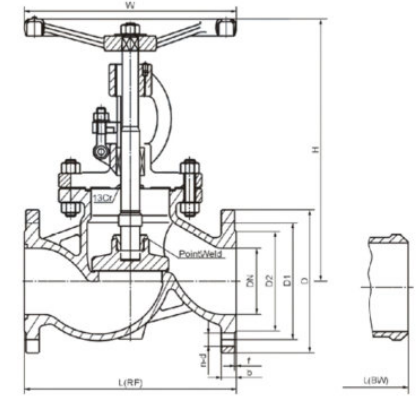
Standard Material Specifications

NO	Part Name	Carbon steel		Alloy Steel		Stainless steel	
		WCB	LCB	WC6	WC9	CF8	CF8M
1	Body	A216 WCB	A352 LCB	A217 WC6	A217 WC9	A351 CF8	A351 CF8M
2	Disc	A105	A350 LF2	A182 F11	A182 F22	A182 F304	A182 F316
3	Stem	A182 F6	A182 F6	A182 F304	A182 F304	A182 F304	A182 F316
4	Back Seat	A182 F6	A182 F6	A182 F304	A182 F304	A182 F304	A182 F316
5	Gasket	Soft Graphite+SS304					
6	Bonnet Nut	A194 2H	A194 4	A194 7	A194 7	A194 8	A194 8M
7	Bonnet Bolt	A193 B7	A193 L7	A193 B16	A193 B16	A193 B8	A193 B8M
8	Packing	Soft Graphite or PTFE					
9	Pin	A276 TYPE 410					
10	Gland	A182 F6	A182 F6	A182 F6	A182 F6	A182 F304	A182 F316
11	Eyebolt Bolt	A193 B7	A193 B7	A193 B7	A193 B7	A193 B8	A193 B8
12	Eyebolt Nut	A194 2H	A194 2H	A194 2H	A194 2H	A194 8	A194 8
13	Gland Flange	A216 WCB	A216 WCB	A216 WCB	A216 WCB	A351 CF8	A351 CF8
14	Bonnet	A216 WCB	A352 LCB	A217 WC6	A217 WC9	A351 CF8	A351 CF8M
15	Stem Nut	Ductile Iron					
16	Handwheel	Ductile Iron or Steel					
17	Handwheel Nut	Cast Steel	Cast Steel	Cast Steel	Cast Steel	Cast Steel	Cast Steel



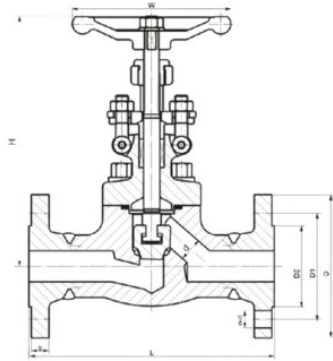
Dimensions Data

PN	DN	L (RF)	L(BW)	D	D1	D2	f	b	n-d	W	H	WT(RF.KG)
25	15	130	130	95	65	45	4-14	16	2	120	218	4.8
	20	150	150	105	75	58	4-14	18	2	120	258	5.7
	25	160	160	115	85	68	4-14	18	2	140	275	6.6
	32	180	180	140	100	78	4-18	18	2	140	280	8.5
	40	200	200	150	110	88	4-18	18	3	160	330	12
	50	230	230	165	125	102	4-18	20	3	180	350	18
	65	290	290	185	145	122	8-18	22	3	180	355	25.6
	80	310	310	200	160	138	8-18	24	3	200	400	31.8
	100	350	350	235	190	162	8-22	24	3	250	415	46
	125	400	400	270	220	188	8-26	26	3	300	460	65.5
	150	450	450	300	250	218	8-26	28	3	300	510	93
	200	600	600	360	310	278	12-26	30	3	400	710	162
	250	730	730	425	370	335	12-30	32	3	450	768	304
	300	850	850	485	430	395	16-30	34	4	500	925	399
40	15	130	130	95	65	45	4-14	16	2	120	233	5
	20	150	150	105	75	58	4-14	18	2	140	275	6
	25	160	160	115	85	68	4-14	18	2	140	285	7
	32	180	180	140	100	78	4-18	18	2	160	302	9
	40	200	200	150	110	88	4-18	18	3	180	355	12.5
	50	230	230	165	125	102	4-18	20	3	180	373	18.75
	65	290	290	185	145	122	8-18	22	3	200	408	27
	80	310	310	200	160	138	8-22	24	3	250	436	33.5
	100	350	350	235	190	162	8-26	24	3	300	480	48.5
	125	400	400	270	220	188	8-26	26	3	360	558	69
	150	450	450	300	250	218	8-26	28	3	360	611	97.75
	200	600	600	375	320	285	12-30	34	3	450	720	170
	250	730	730	450	385	345	12-33	38	3	500	768	320
	300	850	850	515	450	410	16-33	42	4	550	925	420



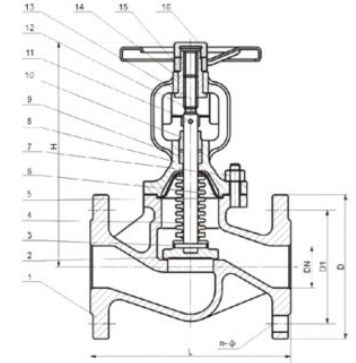
Dimensions Data

PN	DN	L (RF)	L(BW)	D	D1	D2	f	b	n-d	W	H	WT(RF.KG)	
64	15	210	210	105	75	45	4-14	20	2	140	195	10	
	20	230	230	130	90	52	4-18	20	2	140	228	13	
	25	230	230	140	100	68	4-18	24	2	160	275	14.5	
	32	260	260	155	110	75	4-22	24	3	180	325	19	
	40	260	260	170	125	88	4-22	28	3	200	360	25	
	50	300	300	180	135	102	4-22	26	3	200	410	35	
	65	340	340	205	160	122	8-22	26	3	250	450	48	
	80	380	380	215	170	138	8-22	28	3	280	485	56	
	100	430	430	250	200	162	8-26	30	3	300	537	125	
	125	500	500	295	240	188	8-30	34	3	360	631	131	
	150	550	550	345	280	218	8-33	36	3	400	646	157	
	200	650	650	415	345	285	12-36	42	3	450	813	283	
	100	40	260	260	170	125	88	4-22	28	3	200	359	29
		50	300	300	195	145	102	4-26	30	3	200	414	49
65		340	340	220	170	122	8-26	34	3	250	434	65	
80		380	380	230	180	138	8-26	36	3	280	547	95	
100		430	430	265	210	162	8-30	40	3	300	621	115	
125		500	500	315	250	188	8-33	40	3	360	732	149	
150		550	550	355	290	218	12-33	44	3	400	842	310	
160	200	650	650	430	360	285	12-36	52	3	450	925	590	
	40	260	260	170	125	88	4-22	28	3	200	359	32	
	50	300	300	195	145	102	4-26	30	3	200	414	52	
	65	340	340	220	170	122	8-26	34	3	250	434	69	
	80	380	380	230	180	138	8-26	36	3	280	547	98	
	100	430	430	265	210	162	8-30	40	3	300	621	119	
	125	500	500	315	250	188	8-33	44	3	360	732	125	
150	550	550	355	290	218	12-33	50	3	400	842	161		



Dimensions Data

PN	DN	L	D	D1	D2	f	b	n-d	W	H	WT(RF.KG)
25	15	130	95	65	45	4-14	16	2	100	164	4.3
	20	150	105	75	58	4-14	18	2	100	164	4.8
	25	160	115	85	68	4-14	18	2	125	203	6.3
	32	180	140	100	78	4-18	18	2	160	224	7.8
	40	200	150	110	88	4-18	18	3	160	260	10.3
	50	230	165	125	102	4-18	20	3	180	300	12.6
40	15	130	95	65	45	4-14	16	2	100	164	4.3
	20	150	105	75	58	4-14	18	2	100	164	4.8
	25	160	115	85	68	4-14	18	2	125	203	6.3
	32	180	140	100	78	4-18	18	2	160	224	7.8
	40	200	150	110	88	4-18	18	3	160	260	10.3
	50	230	165	125	102	4-18	20	3	180	300	12.6
64	15	210	105	75	45	4-14	20	2	100	164	8
	20	230	130	90	52	4-18	20	2	100	164	9.5
	25	230	140	100	68	4-18	24	2	125	203	11
	32	260	155	110	75	4-22	24	3	160	224	12.5
	40	260	170	125	88	4-22	28	3	160	260	16.5
	50	300	180	135	102	4-22	26	3	180	300	20.5
100	15	210	105	75	45	4-14	20	2	125	207	11
	20	230	130	90	52	4-18	20	2	125	207	13.2
	25	230	140	100	68	4-18	24	2	160	230	14
	32	260	155	110	75	4-22	24	3	160	260	15
	40	260	170	125	88	4-22	28	3	180	300	29
	50	300	195	145	102	4-26	30	3	200	355	35
160	15	210	105	75	45	4-14	20	2	125	207	12.2
	20	230	130	90	52	4-18	20	2	125	207	15
	25	230	140	100	68	4-18	24	2	160	230	17
	32	260	155	110	75	4-22	24	3	160	260	21.4
	40	260	170	125	88	4-22	28	3	180	300	32
	50	300	195	145	102	4-26	30	3	200	355	38

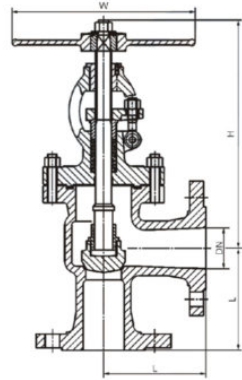


Standard Material Specifications

NO	Part Name	WCB	CF8	CF8M
1	Body	A216 WCB	A351 CF8	A351 CF8M
2	Disc	A105+13Cr	A182 F304	A182 F316
3	Pin	SS 304	SS 304	SS 316
4	Bellows	SS 304	SS 304	SS 316
5	Gasket	Soft Graphite+SS304		
6	Bonnet Bolt	A193 B7	A193 B8	A193 B8M
7	Bonnet Nut	A194 2H	A194 8	A194 8M
8	Bonnet	A216 WCB	A351 CF8	A351 CF8M
9	Packing	Soft Graphite or PTFE		
10	Gland Flange	A216 WCB	A351 CF8	A351 CF8
11	Pin	SS 304	SS 304	SS 316
12	Stop Block	Carbon Steel	SS 304	SS 304
13	Stem	A182 F6	A182 F304	A182 F316
14	Stem Nut	Brass	Brass	Brass
15	Handwheel	Ductile Iron or Steel		
16	Handwheel Nut	Carbon Steel	Carbon Steel	Carbon Steel

Dimensions Data

DN	L(RF)	L(BW)	H	W		Kv	Weight		
				PN16/25	PN40		PN16	PN25	PN40
15	130	130	191	120	140	4.2	3.7	4.3	4.3
20	150	150	191	120	140	7.4	4.4	4.8	4.8
25	160	160	197	140	140	12	5.1	6.3	6.3
32	180	180	200	140	160	19	7.5	7.8	7.8
40	200	200	218	160	180	30	8.8	10.3	10.3
50	230	230	220	180	180	47	12.2	12.6	12.6
65	290	290	238	180	200	77	16.1	19	19
80	310	310	257	200	250	120	21.4	25	25
100	350	350	340	250	300	188	33	35	35
125	400	400	360	300	350	288	51	56	56
150	480	480	390	300	350	410	69	74	74
200	600	600	530	400	450	725	105	144	160
250	730	730	665	520	520	1145	180	238	260
300	850	850	720	520	520	1635	265	339	370

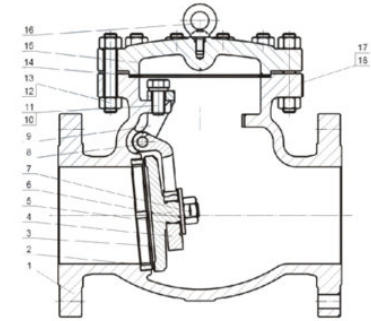


Dimensions Data

Pressure(MPa)		PN1.6MPa												
Size	mm	15	20	25	32	40	50	65	80	100	125	150	200	250
L		90	95	100	105	115	250	270	280	330	360	390	460	530
H		246	260	276	285	300	305	354	402	437	496	541	699	815
W		120	140	160	160	180	200	200	750	250	300	350	400	450
Weight(kg)		6	7.5	8	9	14	22	27	38	55	82	105	220	450

Pressure(MPa)		PN2.5MPa												
Size	mm	15	20	25	32	40	50	65	80	100	125	150	200	250
L		90	95	100	105	115	250	270	280	330	360	390	460	530
H		246	260	276	285	300	325	363	415	453	505	556	744	864
W		120	140	160	160	180	200	200	250	300	350	400	450	500
Weight(kg)		6	7.5	8	9	15	24	30	41	60	85	110	225	460

Pressure(MPa)		PN4.0MPa												
Size	mm	15	20	25	32	40	50	65	80	100	125	150	200	250
L		90	95	100	105	115	250	270	280	330	360	390	460	530
H		246	260	276	285	300	325	370	430	480	532	589	783	888
W		120	140	160	160	180	200	200	250	300	350	400	450	500
Weight(kg)		8	10	12	16	17	26	33	45	65	90	120	230	470



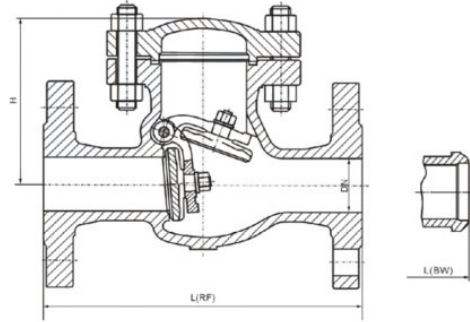
Design Construction:

1. Design and Manufacture: DIN
2. Inspection and Test: ISO 5208, DIN 3230
3. Flanged ends dimension: EN 1092-1, DIN2544 PN25, DIN2545 PN40, DIN2546 PN64
4. Butt-welded ends dimension: DIN 3239
5. Pressure-temperature ratings: DIN 2401

Standard Material Specifications

No	Part Name	Carbon Steel		Alloy Steel		Stainless Steel	
		WCB	LCB	WC6	WC9	CF8	CF8M
1	Body	A216 WCB	A352 LCB	A217 WC6	A217 WC9	A351 CF8	A351 CF8M
2	Seat	13Cr	SS 304	SS 304	SS 304	SS 304	SS 316
3	Disc	A105	A350 LF2	A182 F11	A182 F22	A182 F304	A182 F316
4	Hinge	A216 WCB	A352 LCB	A217 WC6	A217 WC9	A351 CF8	A351 CF8M
5	Washer	SS 304	SS 304	SS 304	SS 304	SS 304	SS 316
6	Nut	A194 2H	A194 4	A194 7	A194 7	A194 8	A194 8M
7	Hinge	A216 WCB	A352 LCB	A217 WC6	A217 WC9	A351 CF8	A351 CF8M
8	Arm Pin	SS 410	SS 304	SS 410	SS 410	SS 304	SS 316
9	Yoke	A216 WCB	A352 LCB	A217 WC6	A217 WC9	A351 CF8	A351 CF8M
10	Elastic Washer	SS 304	SS 304	SS 304	SS 304	SS 304	SS 316
11	Hex Nut	A194 2H	A194 4	A194 7	A194 7	A194 8	A194 8M
12	Bonnet Nut	A194 2H	A194 4	A194 7	A194 7	A194 8	A194 8M
13	Bonnet Bolt	A193 B7	A193 L7	A193 B16	A193 B16	A193 B8	A193 B8M
14	Gasket	Soft Graphite+SS304					
15	Bonnet	A216 WCB	A352 LCB	A217 WC6	A217 WC9	A351 CF8	A351 CF8M
16	Eye Bolt	Carbon Steel	Carbon Steel	Carbon Steel	Carbon Steel	Carbon Steel	Carbon Steel

DIN Standard steel swing check valve



Dimensions Data

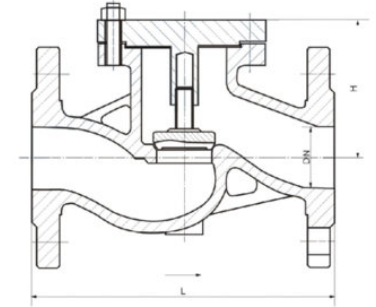
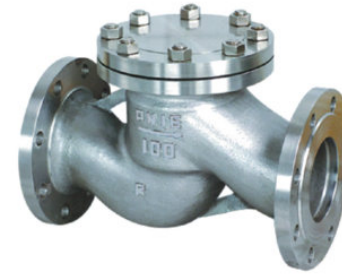
PN25	DN	40	50	65	80	100	125	150	200	250	300	350	400
	L (RF)- F6	180	200	240	260	300	350	400	500	600	700	800	900
	L (BW)	180	200	240	260	300	350	400	500	600	700	800	900
	H	129	147	161	178	190	265	285	345	394	421	458	526

PN40	DN	40	50	65	80	100	125	150	200	250	300	350	400
	L (RF)- F1	200	230	290	310	350	400	480	600	730	850	980	1100
	L (RF)- F7	240	250	290	310	350	400	450	550	650	750	850	950
	L (BW)	200	230	290	310	350	400	480	550	650	750	850	950
H	129	160	175	210	240	265	270	350	415	435	518	560	

PN64	DN	40	50	65	80	100	125	150	200	250	300	350	400	500
	L (RF)- F2	260	300	340	380	430	500	550	650	775	900	1025	1150	1400
	L (BW)	260	300	340	380	430	500	550	650	775	900	1025	1150	1400
	H	168	165	173	210	245	300	335	390	452	520	574	610	680

PN100	DN	40	50	65	80	100	125	150	200	250	300
	L (RF)- F2	260	300	340	380	430	500	550	650	775	900
	L (BW)	260	300	340	380	430	500	550	650	775	900
	H	195	205	224	236	272	305	345	398	456	528

DIN Lift check valve

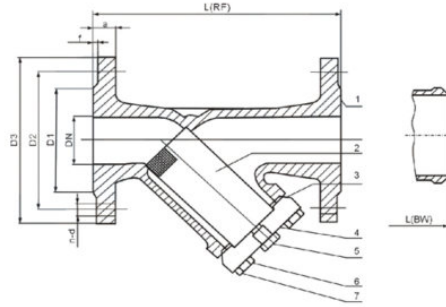


Dimensions Data

Pressure(MPa)		PN1.6MPa											
DN	mm	50	65	80	100	125	150	200	250	300	350	400	
L		230	290	310	350	400	480	600	730	850	980	1100	
H		305	354	402	437	496	541	699	815	914	1189	1350	
Weight(kg)		10	20	30	39	50	70	161	251	395	500	618	

Pressure(MPa)		PN2.5MPa											
DN	mm	50	65	80	100	125	150	200	250	300	350	400	
L		230	290	310	350	400	480	600	730	850	980	1100	
H		325	363	415	453	505	556	744	864	948	1269	1450	
Weight(kg)		12	22	33	44	55	78	180	270	410	520	650	

Pressure(MPa)		PN4.0MPa											
DN	mm	50	65	80	100	125	150	200	250	300	350	400	
L		230	290	310	350	400	480	600	730	850	980	1100	
H		325	370	430	480	532	589	783	888	965	1285	1512	
Weight(kg)		13	23	34	46	60	85	190	280	430	550	680	



Design Construction:

1. Pressure-temperature ratings: DIN 2401
2. Inspection and Test: ISO 5208, DIN 3230
3. Flanged ends dimension: EN 1092-1, DIN2545 PN40

4. Butt-welded ends dimension: DIN 3239
5. Face to face and end to end: DIN 3202 F1, EN 558-11 serial

Parts Material List

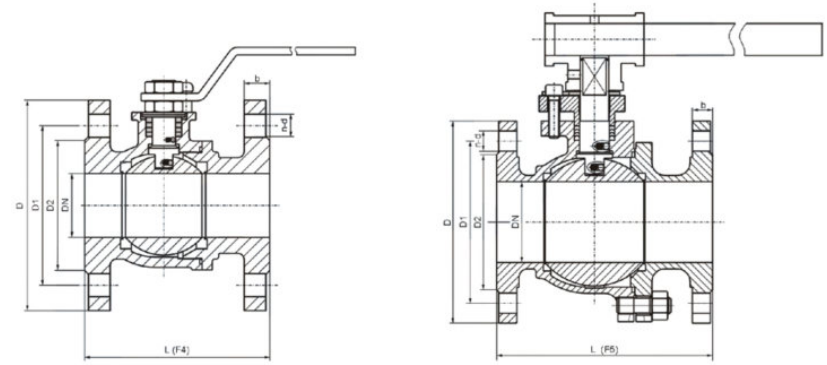
Ltem	Parts name	Material		
		WCB/SS304	CF8/SS304	CF8M/SS316
1	Body	A216 GR. WCB	A351CF8	A351CF8M
2	Screen	A276 Type304	A276Type304	A276Type316
3	Gasket	SS304+Graphite	SS304+Graphite	SS304+Graphite
4	Bonnet	A216GR.WCB	A351CF8	A351CF8M

Ltem	Parts name	Material		
		WCB/SS304	CF8/SS304	CF8M/SS316
5	Plug	ASTM A105	A182F304	A182F316
6	Bonnet Bolt	A193GR.37	A193B8	A193B8M
7	Bonnet Bolt Nut	A194GR.2H	A1948	A1948M

Note: 1). Spiral wound construction.

Dimensions Data

DN	L (RF)	L (BW)	D	D1	D2	n-d	b	f	H	Kg
15	130	130	95	65	45	4-14	16	2	85	4
20	150	150	105	75	58	4-14	18	2	95	5
25	160	160	115	85	68	4-14	18	2	110	6
32	180	180	140	100	78	4-18	18	2	125	8
40	200	200	150	110	88	4-18	18	3	145	10
50	230	230	165	125	102	4-18	20	3	155	13
65	290	290	185	145	122	8-18	22	3	175	19
80	310	310	200	160	138	8-22	24	3	210	24.5
100	350	350	235	190	162	8-26	24	3	230	35
125	400	400	270	220	188	8-26	26	3	270	51
150	450	450	300	250	218	8-26	28	3	300	71
200	600	600	375	320	285	12-30	34	3	385	144
250	730	730	450	385	345	12-33	38	3	535	178
300	850	850	515	450	410	16-33	42	4	680	285



Design Construction:

1. Design and Manufacture: DIN 3357
2. Inspection and Test: ISO 5208, DIN 3230
3. Flanged ends dimension: EN 1092-1, DIN2544 PN25, DIN2545 PN40

4. Face to face and end to end: DN15- DN50 DIN 3202 F4, EN 558-1 14 Series
DN65- DN200 DIN3202 F5, EN 558-1 15 Series
5. Pressure-temperature ratings: DIN 2401

Dimensions Data

PN	DN	L (RF)	D	D1	D2	b	n-d	f	WT(RF.KG)
25	15	115	95	65	45	4-14	16	2	85
	20	120	105	75	58	4-14	18	2	90
	25	125	115	85	68	4-14	18	2	99
	32	130	140	100	78	4-18	18	2	105
	40	140	150	110	88	4-18	18	3	126
	50	150	165	125	102	4-18	20	3	142
	65	270	185	145	122	8-18	22	3	165
	80	280	200	160	138	8-18	24	3	178
	100	300	235	190	162	8-22	24	3	230
	125	325	270	220	188	8-26	26	3	280
40	150	350	300	250	218	8-26	28	3	310
	200	400	360	310	278	12-26	30	3	350
	15	115	95	65	45	4-14	16	2	85
	20	120	105	75	58	4-14	18	2	90
	25	125	115	85	68	4-14	18	2	99
	32	130	140	100	78	4-18	18	2	105
	40	140	150	110	88	4-18	18	3	126
	50	150	165	125	102	4-18	20	3	142
	65	270	185	145	122	8-18	22	3	165
	80	280	200	160	138	8-22	24	3	178
40	100	300	235	190	162	8-26	24	3	230
	125	325	270	220	188	8-26	26	3	280
	150	350	300	250	218	8-26	28	3	310
	200	400	375	320	285	12-30	34	3	350