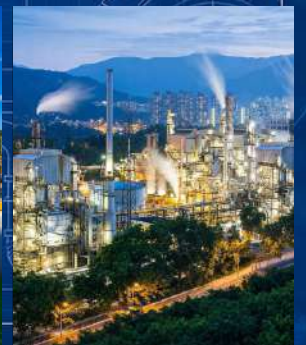
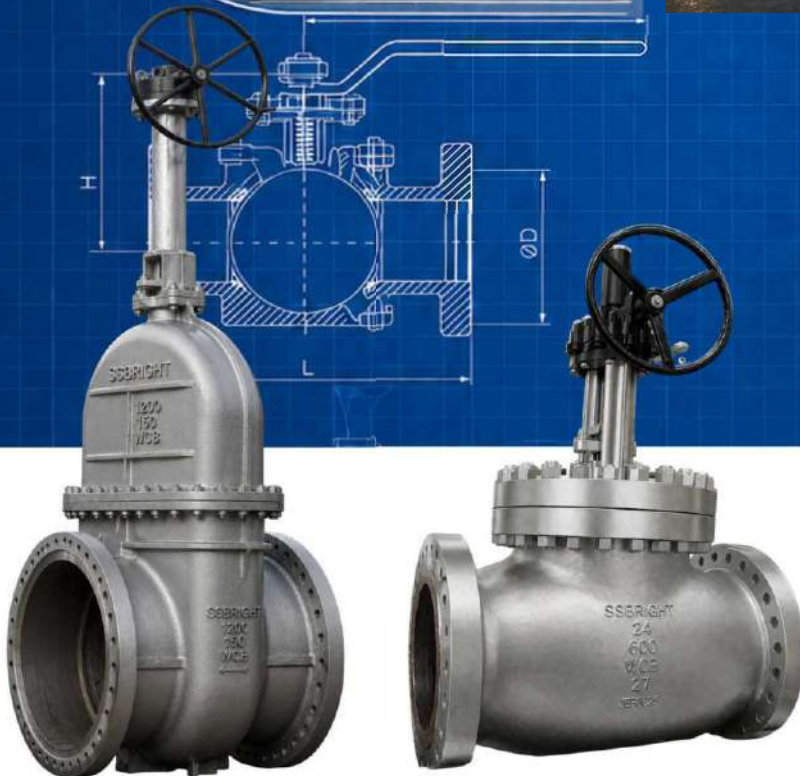
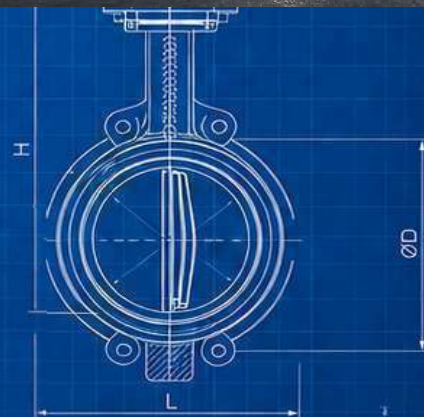
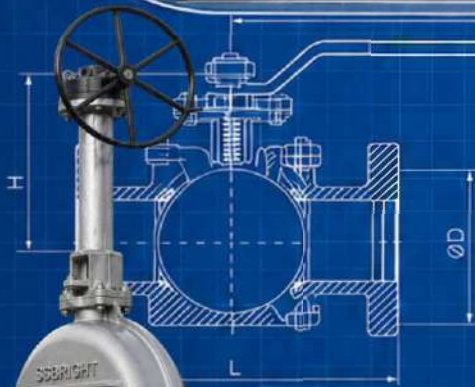
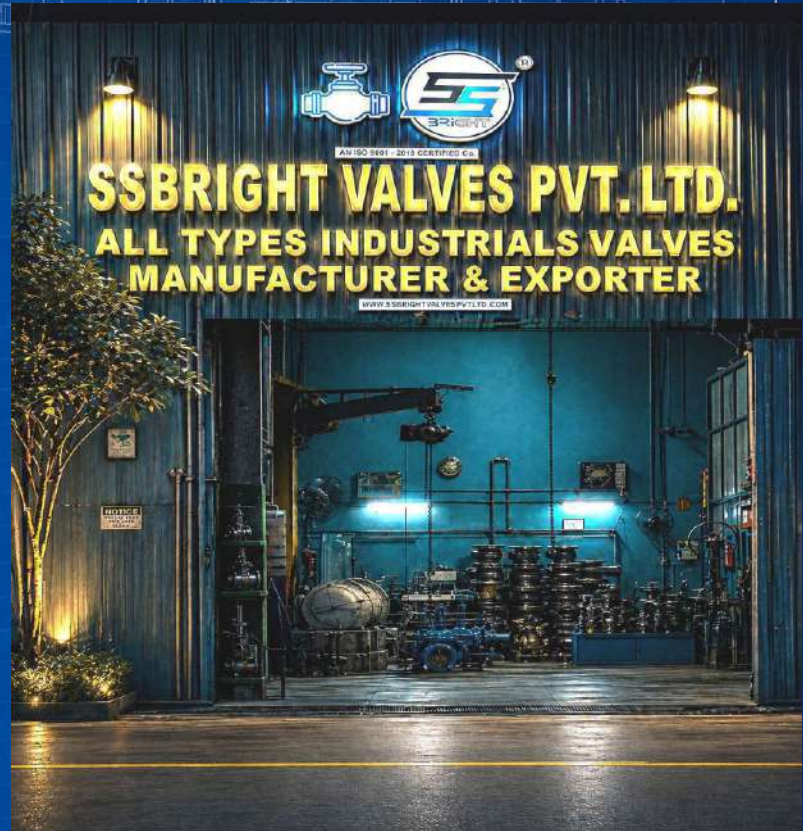


SSBRIGHT VALVES PVT.LTD



AN ISO 9001 - 2015 CERTIFIED Co.





CHAIRMAN **(TOKIR AHMED SHAIKH)**

Chairman's Message

At SSBRIGHT Valves Pvt. Ltd., we believe that quality, innovation, and customer satisfaction are the foundation of long-term success. Since our inception, our vision has been to deliver reliable and high-performance industrial valve solutions that meet international quality standards and exceed customer expectations.

Our commitment to excellence drives us to continuously improve our products, adopt advanced manufacturing technologies, and maintain strict quality control at every stage of production. Every valve we manufacture reflects our dedication to precision engineering, durability, and dependable performance.

We sincerely thank our customers, business partners, and dedicated team members for their continued trust and support. Together, we will continue to build stronger relationships, explore new opportunities, and contribute to the growth of industries across the world.

Chairman
SSBRIGHT Valves Pvt. Ltd.



DIRECTOR
(SHAKUR AHMED SHAIKH)



DIRECTOR
(SHAFIK AHMED SHAIKH)

COMPANY CERTIFICATES

GOVERNMENT OF INDIA
MINISTRY OF CORPORATE AFFAIRS
Central Registration Centre
Certificate of Incorporation

[Pursuant to sub-section (2) of section 7 and sub-section (1) of section 8 of the Companies Act, 2013 (18 of 2013) and rule 18 of the Companies (Incorporation) Rules, 2014]

I hereby certify that SSBRIGHT VALVES PRIVATE LIMITED is incorporated on this NINETH day of APRIL, TWO THOUSAND TWENTY FOUR under the Companies Act, 2013 (18 of 2013) and that the company is Company limited by shares

The Corporate Identity Number of the company is
U33122GJ2024PTC150489

The Permanent Account Number (PAN) of the company is
ABNCS2086L*

The Tax Deduction and Collection Account Number (TAN) of the company is **AHMS0046F***

Given under my hand at Manesar this NINETH day of APRIL, TWO THOUSAND TWENTY FOUR

Signature Not Verified

Digitally signed by
DS MINISTRY OF CORPORATE
AFFAIRS, CRC MANESAR 1
Date: 2024.04.09 18:18:28 IST

Charan Singh
Assistant Registrar of Companies/ Deputy Registrar of Companies/
Registrar of Companies
Central Registration Centre

Disclaimer: This certificate only evidences incorporation of the company on the basis of documents and declarations of the applicant(s). This certificate is neither a license nor permission to conduct business or solicit deposits or funds from public. Permission of sector regulator is necessary wherever required. Registration status and other details of the company can be verified on mca.gov.in

Mailing Address as per record available in Registrar of Companies office:

SSBRIGHT VALVES PRIVATE LIMITED
5 B/H MANIAR TRAILORS, NR SUNSHINE ESTATE,
Rakhial, Ahmedabad-380023, Gujarat

*as issued by Income tax Department

CERTIFICATE OF INCORPORATION



Ministry of Commerce and Industry / वणिज्य और उद्योग विभाग
Directorate General of Foreign Trade / विदेश व्यापार निदेशालय
Office of the Additional Director General of Foreign Trade, Ahmedabad / अवर सहायक निदेशक, विदेश व्यापार का अफिस, अहमदाबाद
3rd Floor, HUDCO Bhawan, Ishwar Bhawan Road, Navrangpura, AHMEDABAD, GUJARAT, 380009 / तीसरी मंजिल, गुडको भवन, ईश्वर भवन रोड, नवरंगपुरा, अहमदाबाद, गुजरात, 380009

Importer-Exporter Code

This is to certify that SSBRIGHT VALVES PRIVATE LIMITED is issued an Importer/Exporter Code (IEC) ABNCS2086L with details as follows -

IEC	ABNCS2086L
आई ईएम सी कोड (IEC) / PAN	ABNCS2086L
आई ईएम सी फर्म नाम	SSBRIGHT VALVES PRIVATE LIMITED
प्रकार की एगिटी (Nature of Concern)	Private Limited
आई ईएम सी जारी की तिथि (Date of Issue)	26/03/2025
पता (Registered Address)	0, SURVEY NO 392, T.P. SCHEME NO 10, PLOT NO 116,, SHRI NCO OPERATIVE IND ESTATE NO 2, Rakhial Road, Rakhial, Ahmedabad, AHMEDABAD, GUJARAT, 380023
प्रमुख का नाम / Name of the Signatory	Taukrahmed Shabbirahmed Shaikh
Director / Partner Details	Refer online at https://dgtf.gov.in or scan the QR Code
अंतर/ब्रांच (Branch Details)	Refer online at https://dgtf.gov.in or scan the QR Code

Last Modified : 26/03/2025

File Number : AHDIECAPPLY00024145AM25

Note : This is a system-generated certificate. Authenticity / Updated details of the IEC can be checked at official DGT website <https://dgtf.gov.in> by entering the IEC and Firm Name under Services > View Any

IMPORTER EXPORTER LICENSE

UDYAM REGISTRATION
Government of India
सूक्ष्म, माध्यम एवं मध्यम उद्यम विभाग
Ministry of Micro, Small and Medium Enterprises

UDYAM REGISTRATION NUMBER: UDYAM-GJ-01-038954

NAME OF ENTERPRISE: M/S SSBRIGHT VALVES PRIVATE LIMITED

TYPE OF ENTERPRISE *

S.No.	Classification Year	Enterprise Type	Classification Date
1	2024-25	Micro	10-04-2024

MAJOR ACTIVITY: MANUFACTURING

SOCIAL CATEGORY OF ENTREPRENEUR: GENERAL

NAME OF ENTERPRISE: M/S SSBRIGHT VALVES PRIVATE LIMITED

DATE OF INCORPORATION / REGISTRATION OF ENTERPRISE: 09-04-2024

DATE OF COMMENCEMENT OF PRODUCTION/BUSINESS: 09-04-2024

NATIONAL INDUSTRY CLASSIFICATION CODE(S):

S.No.	NC 1 Digit	NC 2 Digit	NC 3 Digit	Activity
1	28	281	2811	Manufacture of machinery and equipment n.e.c.

DATE OF UDYAM REGISTRATION: 10-04-2024

* In case of graduation (upward/reversal) of status of an enterprise, the benefit of the Government Schemes 1001/2013/1319/14/15/16/17/18/19/20/21/22/23/24/25/26/27/28/29/30/31/32/33/34/35/36/37/38/39/40/41/42/43/44/45/46/47/48/49/50/51/52/53/54/55/56/57/58/59/60/61/62/63/64/65/66/67/68/69/70/71/72/73/74/75/76/77/78/79/80/81/82/83/84/85/86/87/88/89/90/91/92/93/94/95/96/97/98/99/100/101/102/103/104/105/106/107/108/109/110/111/112/113/114/115/116/117/118/119/120/121/122/123/124/125/126/127/128/129/130/131/132/133/134/135/136/137/138/139/140/141/142/143/144/145/146/147/148/149/150/151/152/153/154/155/156/157/158/159/160/161/162/163/164/165/166/167/168/169/170/171/172/173/174/175/176/177/178/179/180/181/182/183/184/185/186/187/188/189/190/191/192/193/194/195/196/197/198/199/200/201/202/203/204/205/206/207/208/209/210/211/212/213/214/215/216/217/218/219/220/221/222/223/224/225/226/227/228/229/230/231/232/233/234/235/236/237/238/239/240/241/242/243/244/245/246/247/248/249/250/251/252/253/254/255/256/257/258/259/260/261/262/263/264/265/266/267/268/269/270/271/272/273/274/275/276/277/278/279/280/281/282/283/284/285/286/287/288/289/290/291/292/293/294/295/296/297/298/299/300/301/302/303/304/305/306/307/308/309/310/311/312/313/314/315/316/317/318/319/320/321/322/323/324/325/326/327/328/329/330/331/332/333/334/335/336/337/338/339/340/341/342/343/344/345/346/347/348/349/350/351/352/353/354/355/356/357/358/359/360/361/362/363/364/365/366/367/368/369/370/371/372/373/374/375/376/377/378/379/380/381/382/383/384/385/386/387/388/389/390/391/392/393/394/395/396/397/398/399/400/401/402/403/404/405/406/407/408/409/410/411/412/413/414/415/416/417/418/419/420/421/422/423/424/425/426/427/428/429/430/431/432/433/434/435/436/437/438/439/440/441/442/443/444/445/446/447/448/449/450/451/452/453/454/455/456/457/458/459/460/461/462/463/464/465/466/467/468/469/470/471/472/473/474/475/476/477/478/479/480/481/482/483/484/485/486/487/488/489/490/491/492/493/494/495/496/497/498/499/500/501/502/503/504/505/506/507/508/509/510/511/512/513/514/515/516/517/518/519/520/521/522/523/524/525/526/527/528/529/530/531/532/533/534/535/536/537/538/539/540/541/542/543/544/545/546/547/548/549/550/551/552/553/554/555/556/557/558/559/560/561/562/563/564/565/566/567/568/569/570/571/572/573/574/575/576/577/578/579/580/581/582/583/584/585/586/587/588/589/590/591/592/593/594/595/596/597/598/599/600/601/602/603/604/605/606/607/608/609/610/611/612/613/614/615/616/617/618/619/620/621/622/623/624/625/626/627/628/629/630/631/632/633/634/635/636/637/638/639/640/641/642/643/644/645/646/647/648/649/650/651/652/653/654/655/656/657/658/659/660/661/662/663/664/665/666/667/668/669/670/671/672/673/674/675/676/677/678/679/680/681/682/683/684/685/686/687/688/689/690/691/692/693/694/695/696/697/698/699/700/701/702/703/704/705/706/707/708/709/710/711/712/713/714/715/716/717/718/719/720/721/722/723/724/725/726/727/728/729/730/731/732/733/734/735/736/737/738/739/740/741/742/743/744/745/746/747/748/749/750/751/752/753/754/755/756/757/758/759/760/761/762/763/764/765/766/767/768/769/770/771/772/773/774/775/776/777/778/779/780/781/782/783/784/785/786/787/788/789/790/791/792/793/794/795/796/797/798/799/800/801/802/803/804/805/806/807/808/809/810/811/812/813/814/815/816/817/818/819/820/821/822/823/824/825/826/827/828/829/830/831/832/833/834/835/836/837/838/839/840/841/842/843/844/845/846/847/848/849/850/851/852/853/854/855/856/857/858/859/860/861/862/863/864/865/866/867/868/869/870/871/872/873/874/875/876/877/878/879/880/881/882/883/884/885/886/887/888/889/890/891/892/893/894/895/896/897/898/899/900/901/902/903/904/905/906/907/908/909/910/911/912/913/914/915/916/917/918/919/920/921/922/923/924/925/926/927/928/929/930/931/932/933/934/935/936/937/938/939/940/941/942/943/944/945/946/947/948/949/950/951/952/953/954/955/956/957/958/959/960/961/962/963/964/965/966/967/968/969/970/971/972/973/974/975/976/977/978/979/980/981/982/983/984/985/986/987/988/989/990/991/992/993/994/995/996/997/998/999/1000/1001/1002/1003/1004/1005/1006/1007/1008/1009/1010/1011/1012/1013/1014/1015/1016/1017/1018/1019/1020/1021/1022/1023/1024/1025/1026/1027/1028/1029/1030/1031/1032/1033/1034/1035/1036/1037/1038/1039/1040/1041/1042/1043/1044/1045/1046/1047/1048/1049/1050/1051/1052/1053/1054/1055/1056/1057/1058/1059/1060/1061/1062/1063/1064/1065/1066/1067/1068/1069/1070/1071/1072/1073/1074/1075/1076/1077/1078/1079/1080/1081/1082/1083/1084/1085/1086/1087/1088/1089/1090/1091/1092/1093/1094/1095/1096/1097/1098/1099/1100/1101/1102/1103/1104/1105/1106/1107/1108/1109/1110/1111/1112/1113/1114/1115/1116/1117/1118/1119/1120/1121/1122/1123/1124/1125/1126/1127/1128/1129/1130/1131/1132/1133/1134/1135/1136/1137/1138/1139/1140/1141/1142/1143/1144/1145/1146/1147/1148/1149/1150/1151/1152/1153/1154/1155/1156/1157/1158/1159/1160/1161/1162/1163/1164/1165/1166/1167/1168/1169/1170/1171/1172/1173/1174/1175/1176/1177/1178/1179/1180/1181/1182/1183/1184/1185/1186/1187/1188/1189/1190/1191/1192/1193/1194/1195/1196/1197/1198/1199/1200/1201/1202/1203/1204/1205/1206/1207/1208/1209/1210/1211/1212/1213/1214/1215/1216/1217/1218/1219/1220/1221/1222/1223/1224/12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COMPANY CERTIFICATES

Icv

Certificate of Registration

This is to certify that the Management System of
M/S. SSBRIGHT VALVES PVT. LTD.
SHED NO 09, SHIRAIN CO.OP IND. ESTATE, OPP AJANTA RAKHIAL ESTATE,
RAKHIAL, AHMEDABAD-380023, INDIA

has been audited by ICV and found to be
in compliance with the requirements of the standard

ISO 9001:2015
(Quality Management Systems)

This certificate is valid for
the following scope:

MANUFACTURING, DESIGN, SUPPLIER OF INDUSTRIAL GATE VALVE, GLOBE
VALVE, CHECK VALVE, STRAINER AND ALL TYPE OF INDUSTRIAL VALVE.

Certificate No.	: IN/63918206/8547
Certificate Issue Date	: 14/05/2025
1st Surveillance Due Date	: 14/04/2026
2nd Surveillance Due Date	: 14/04/2027
Date of Expiry	: 13/05/2028





CEO
ICV ASSESSMENTS PVT. LTD.
25, First Floor, Prabhu Complex, Shiva Market, Pitampura New Delhi - 110034.
+91 - 11-41548315, info@icvassements.com, www.icvassements.com

*Validity of this Certificate is subject to completion of surveillance audit on or before 365 days from date of the audit.
On case surveillance audit is not allowed to be conducted, this certificate shall be suspended & withdrawn.
The Validity of this certificate can be verified at www.icvcert.org
This certificate of registration remains the property of ICV Certification LLP and shall be returned immediately upon request.
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ISO 9001:2015

QRO
QUALITY RESEARCH ORGANIZATION

Certificate of Registration

This is to certify that

SSBRIGHT VALVES PRIVATE LIMITED
SHED NO-9, SHIRAIN CO.OP. IND. ESTATE VIBHAG-2, OPP. AJANTA RAKHIAL
ESTATE, RAKHIAL ROAD, RAKHIAL, AHMEDABAD, GUJARAT, 380023, INDIA
has been independently assessed by QRO
and is compliant with the requirement of:

ISO 45001:2018
Occupational Health and Safety Management System

For the following scope of activities:
TRADING OF PRESSURE-REDUCING VALVES.

Date of Certification: 20th February 2026	2 nd Surveillance Audit Due: 19th February 2028
1 st Surveillance Audit Due: 19th February 2027	Certificate Expiry: 19th February 2029

Certificate Number: Draft





Head of Certification

Validity of this certificate is subject to annual surveillance audit to be done successfully on or before 365 days from date of the audit.
(On case surveillance audit is not allowed to be conducted, this certificate shall be suspended & withdrawn).
The Validity of this certificate can be verified at www.qrocert.org
This certificate of registration remains the property of QRO Certification LLP and shall be returned immediately upon request.
India Office : QRO Certification LLP
142, 2nd Floor, Aravir Enclave, Near Panchsheel Vihar West Main Station, Delhi-110063, (INDIA)
Website : www.qrocert.org, E-mail : info@qrocert.org

ISO 45001:2018

QRO
QUALITY RESEARCH ORGANIZATION

Certificate of Registration

This is to certify that

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SHED NO-9, SHIRAIN CO.OP. IND. ESTATE VIBHAG-2, OPP. AJANTA RAKHIAL
ESTATE, RAKHIAL ROAD, RAKHIAL, AHMEDABAD, GUJARAT, 380023, INDIA
has been independently assessed by QRO
and is compliant with the requirement of:

ISO 14001:2015
Environmental Management System

For the following scope of activities:
TRADING OF PRESSURE-REDUCING VALVES.

Date of Certification: 20th February 2026	2 nd Surveillance Audit Due: 19th February 2028
1 st Surveillance Audit Due: 19th February 2027	Certificate Expiry: 19th February 2029

Certificate Number: Draft





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Website : www.qrocert.org, E-mail : info@qrocert.org

ISO 14001:2015

(Amended)


Government of India
Form GST REG-06
(See Rule 10(1))
Registration Certificate

Registration Number : 24ABNCS2069L1ZV

1. Legal Name	SSBRIGHT VALVES PRIVATE LIMITED			
2. Trade Name, if any	SSBRIGHT VALVES PRIVATE LIMITED			
3. Additional trade names, if any				
4. Constitution of Business	Private Limited Company			
5. Address of Principal Place of Business	Floor No.: 0 Building No./Flat No.: SHED NO-9 Name of Premises/Building: SHIRAIN CO.OP. IND. ESTATE VIBHAG-2, OPP. AJANTA RAKHIAL ESTATE Road/Street: Rakhial Road Nearby Landmark: Rakhial Locality/Tale Locality: Rakhial City/Town/Village: Ahmedabad District: Ahmedabad State: Gujarat PIN Code: 380023			
6. Date of Liability				
7. Date of Validity	From	19/02/2025	To	Not Applicable
8. Type of Registration	Regular			
9. Particulars of Approving	Centre Goods and Services Tax Act, 2017.			
Signature	Signature Not Verified Digitally signed by DEVENORA SINGH RATHORE AND SERVICE TAX OFFICER DEPT. OF GST, RAJIV GANDHI DEO, 2025/05/14 17:31:37 IST			
Name	DEVENORA SINGH RATHORE			
Designation	Superintendent			
Jurisdictional Office	RANGE I			
Date of Issue of Certificate	14/05/2025			

Note: The registration certificate is required to be prominently displayed at all places of Business/Office(s) in the State.

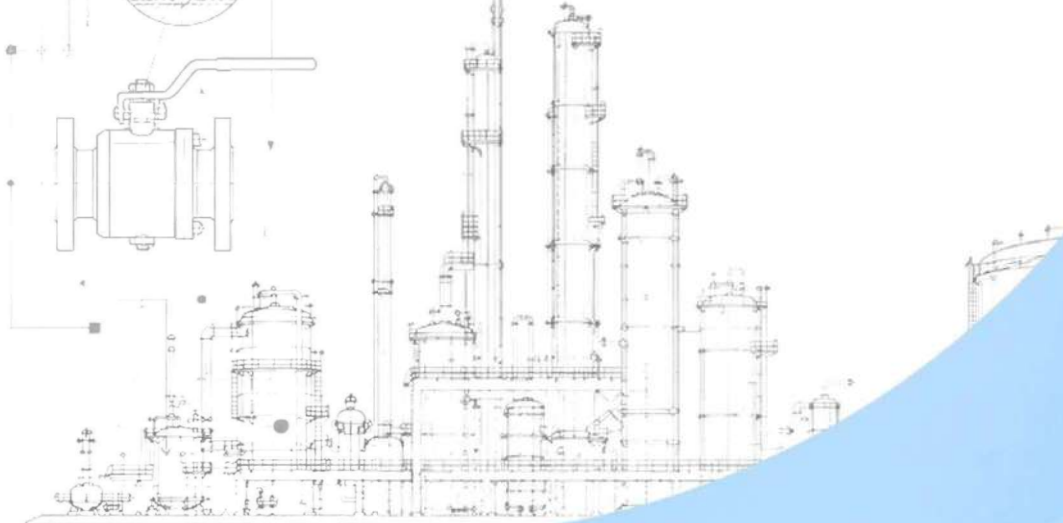
This is a system generated digitally signed Registration Certificate issued based on the approval of application granted on 14/05/2025 by the jurisdictional authority.

GST



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At SSBRIGHTVALVESPVTLTD, we specialized in the manufacturing of high-quality valves for a wide range of industrial applications. With 12 years of experience, we have established ourselves as a leader in the industry, providing innovative solutions and exceptional service to our customers.

we offer a comprehensive range of Gate, Globe and Check Valves and valve automation solutions. Integral Process Controls is an ISO 9001:2015, ISO 14001:2015, ISO 29001:2010 & ISO 45001:2018 certified company.

WHY CHOOSE US

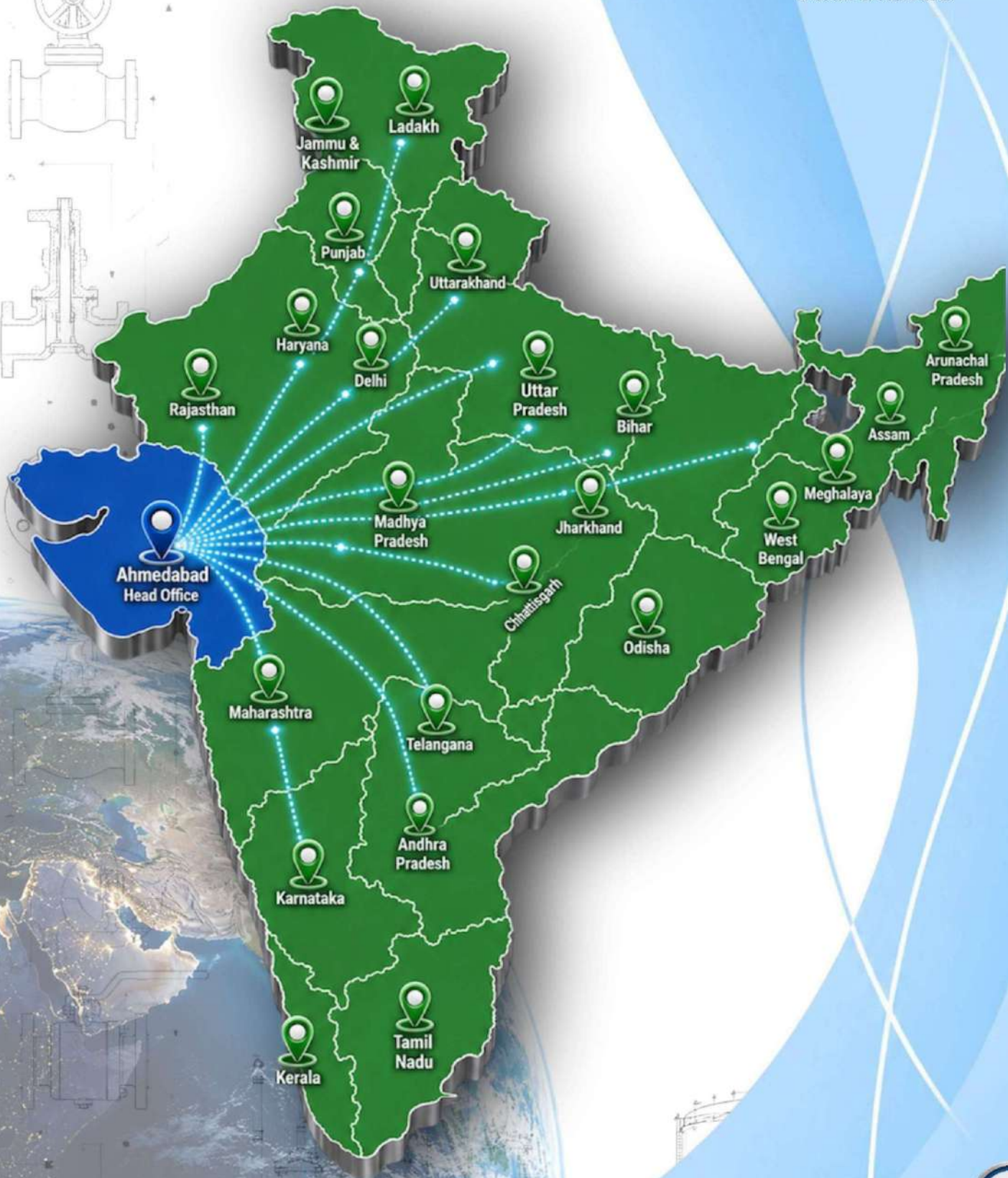


CERTIFICATIONS





AN ISO 9001 - 2015 CERTIFIED Co.





AN ISO 9001 - 2015 CERTIFIED Co.

SSBRIGHTVALVESPVTLTD, is fully committed to give its Customers the highest level of service and satisfaction while providing customized best-fit solutions at competitive prices and on time delivery

**“ PRODUCT
QUALITY
THAT SURPASSES
MANUFACTURING
EXCELLENCE “**

Our Approach

SSBRIGHT approach to Service focuses on avoiding issues and preventing failure before it occurs.



Caring about our customers' needs

Promptness, communication, solutions, trust, partnership and competitiveness through local support



Experience

Over 12 years of group's manufacturing experience
Team +50 Experts



360° assistance

Support throughout the entire valves life cycle, including delivery, commissioning and testing phases



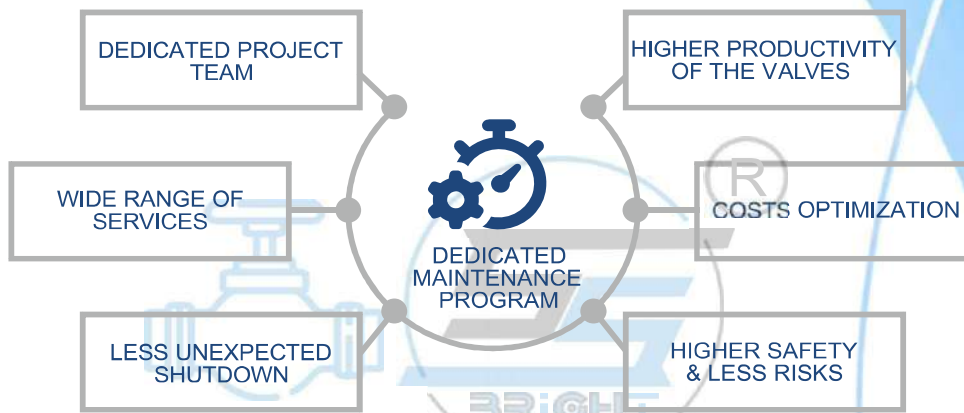
Specialized network

Quality standard and procedures applied in every intervention and repair center

Customer Benefits

SSBRIGHT, the perfect business partner for long lasting valve performance. Our valve management program suits to all types of valves. We systematically develop a customized maintenance program tailored to the specifications of your installed base after an accurate analysis of every single valve characteristic.

Long-term benefits of Valve Management approach:



Services Overview

Our expertise to support you in your daily activities with a full range of on-site and off-site services.



ON-SITE SERVICES

- Field Service Engineer
- Mobile workshop
- Diagnostic of valves in service
- Fugitive emission campaign



GLOBAL SERVICES

- Product training
- Maintenance training



OFF-SITE LOCAL

- Proactive maintenance program
- Valves and spare parts procurement
- Engineering services and product upgrade
- Stock management



CEMENT & CHEMICAL INDUSTRIES



WATER TREATMENT



REFINERY / PETRO CHEMICALS



POWER GENERATION



FERTILIZER PLANT



PHARMA & DRUGS



PULP, PAPER & SUGAR



STEEL INDUSTRIES



OEM & CONTRACTORS



ONSHORE & OFFSHORE PLATFORM



SLURRY & ASH HANDLING



DYES & INTERMEDIATES

(1) Analysing

All the incoming raw materials and components are subjected to material analysis, hardness analysis and porosity analysis. Further analysis is done with the collaboration of external labs and certification authorities.

(2) Assessing

We adopt a multi-pronged approach to check all machined components for accuracy and performance. We track and evaluate all the collected results and decide on long-term actions to improvise our production process.

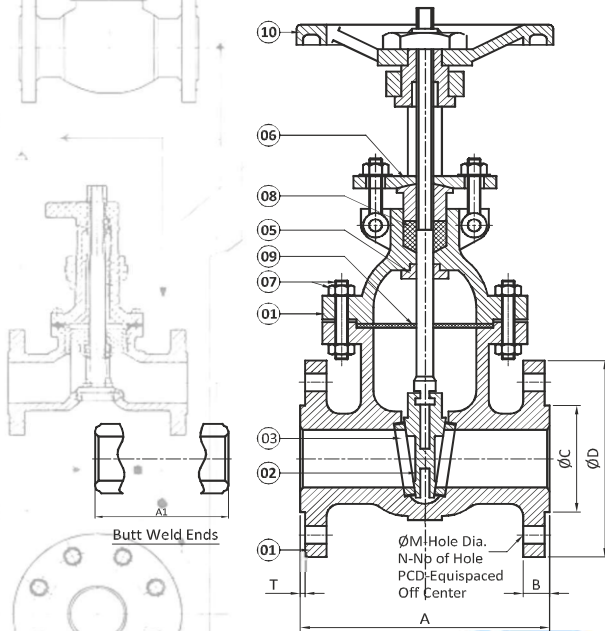
(3) Deploying

Our valves are subjected to a final quality inspection where our independent auditors check each valve for conformity with customer requirements. The quality checked valves are packed and shipped only after completing the final inspection.



Model : SS-GTV-MNL/CS

"SSBRIGHT" offers cast steel body gate valves.



Dimensions :

CLASS 150	IN.	1"	1 ½"	2"	2 ½"	3"	4"	5"	6"	8"	10"	12"	14"	16"	18"	20"	24"	26"	28"	30"	32"	34"	36"	
	M.M.	25	40	50	65	80	100	125	150	200	250	300	350	400	450	500	600	650	700	750	800	850	900	
	A(RF)	127	165	177.8	190.5	203.2	228.6	254	266.7	292.1	330.2	355.6	381	406.4	432.0	457.0	508.0	558.8	610.0	610.0	660.4	711.0	711.0	
	A1(BW)	===	===	216.0	241.0	283.0	305.0	===	403.0	419.0	457.0	502.0	572	610.0	660.0	511.0	813.0	====	991.0	914.0	====	====	====	
	B	11.2	14.2	15.7	17.5	19	23.9	23.9	25.4	28.4	30.2	31.7	35	36.5	40.0	43.0	48.0	68.5	71.5	74.6	81.5	82.6	90.4	
	ØC	51	73	92	105	127	157	186	216	270	324	381	413	470	533	584	692	749	800	857	914	965	1022	
	T	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	ØD	108	127	152.4	177.8	190.5	228.6	254	279.4	343	406.4	482.6	533.4	597	635	699	813	870	927	984	1060	1111	1168	
	ØM	16	16	19	19	19	19	22	22	22	25	25	28	28	32	32	35	35	35	35	41	41	41	
	N	4	4	4	4	4	8	8	8	8	12	12	12	12	16	16	20	20	24	28	28	28	32	32
	PCD	79.2	98.5	120.6	139.7	152.4	190.5	215.9	241.3	298.4	361.9	431.8	476.2	539.7	578.0	635.0	749.0	806.5	863.6	914.4	977.9	1029	1086	
	ØJ	123	152	203	203	254	305	305	356	356	406	457	508	508	610	610	686	===	762	762	762	762	762	762

Technical Specifications

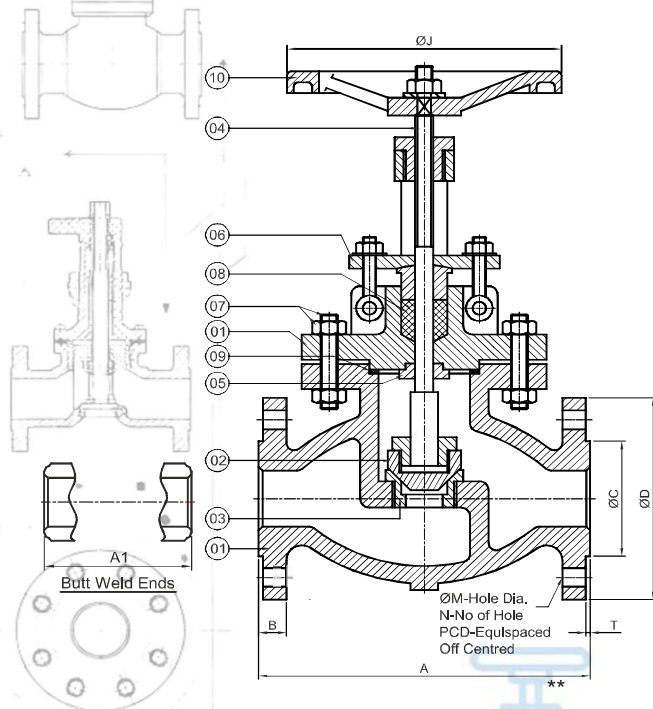
ALL DIMENSIONS ARE IN MM

Part No.	Part Name	WCB	WC6	WC9	C5	C12	LCB	LCC	CF8	CF8M	
01	Body & Bonnet	A 216 WCB	A 217 WC6	A 217 WC9	A 217 C5	A 217 C12	A 352 LCB	A 352 LCC	A 351 CF8	A 351 CF8M	
02	Wedge	A 216 WCB	A 217 WC6	A 217 WC9	A 217 C5	A 217 C12	A 352 LCB	A 352 LCC	A 351 CF8	A 351 CF8M	
03	Seat Ring	A 105	A 182 F11	A 182 F22	A 182 F5	A 182 F9	A 350 LF2	A 350 LF2	Integral		
04	Stem	See Trim Material Table									
05	Back Seat Bushing										
06	Gland Flange	A 216 WCB	A 217 WC6	A 217 WC9	A 217 C5	A 217 C12	A 352 LCB	A 352 LCC	A 351 CF8	A 351 CF8M	
07	Studs & Nuts	ASTM A 193 B7, ASTM A 194 2H								A 193 B16 , A 194 Gr.4/7	
08	Packing	Graphite Ring , Metalic Wire Reinforced								PTFE	
09	Gasket	S.S.304/S.S.316 Spiral Wound Gasket with Grafoil Filler								PTFE	
10	Hand Wheel	Ductile or Malleable Iron								Stainless Steel	
11	Yoke	A 216 WCB	A 217 WC6	A 217 WC9	A 217 C5	A 217 C12	A 352 LCB	A 352 LCC	A 351 CF8	A 351 CF8M	
**											
Part No.	Part Name	Trim1 13Cr/13Cr	Trim2 304/304	Trim5 Stellite/Stellite6	Trim8 Stellite/13Cr	Trim10 316/316					
2	Wedge Face	13 Cr	304 Stainless Steel	Stellite	13Cr	316 Stainless Steel					
3	Seat Ring Face	13 Cr	304 Stainless Steel	Stellite	Stellite	316 Stainless Steel					
4	Stem	13 Cr	304 Stainless Steel	13Cr	13Cr	316 Stainless Steel					
5	Backseat Bushing	13 Cr	304 Stainless Steel	13Cr	13Cr	316 Stainless Steel					

Part No.	Part Name	Trim1 13Cr/13Cr	Trim2 304/304	Trim5 Stellite/Stellite6	Trim8 Stellite/13Cr	Trim10 316/316
2	Wedge Face	13 Cr	304 Stainless Steel	Stellite	13Cr	316 Stainless Steel
3	Seat Ring Face	13 Cr	304 Stainless Steel	Stellite	Stellite	316 Stainless Steel
4	Stem	13 Cr	304 Stainless Steel	13Cr	13Cr	316 Stainless Steel
5	Backseat Bushing	13 Cr	304 Stainless Steel	13Cr	13Cr	316 Stainless Steel

Model : SS-GBV-MNL/CS

"SSBRIGHT" offers cast steel body globe valves.



Dimensions :

CLASS 150	IN.	1"	1 1/2"	2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"
M.M.	25	40	50	65	80	100	125	150	200	250	300	
A(RF)	127	165	203	216	241	292	356	406	495	622	698.5	
A1(BW)	127	165	203	216	241	292	356	406	495	622	698.5	
B	11.2	14.2	15.7	17.5	19	23.9	23.9	25.4	28.4	30.2	31.7	
ØC	51	73	92	105	127	157	186	216	270	324	381	
T	2	2	2	2	2	2	2	2	2	2	2	
ØD	108	127	152.4	177.8	190.5	228.6	254	279.4	343	406.4	482.6	
ØM	16	16	19	19	19	19	22	22	22	25	25	
N	4	4	4	4	4	8	8	8	8	12	12	
PCD	79.2	98.5	120.6	139.7	152.4	190.5	215.9	241.3	298.4	361.9	431.8	
ØJ	100	135	200	250	250	300	350	350	400	450	500	

PRIMARY SERVICE RATING & TEST PRESSURE

CLASS	WORKING PRESSURE	HYD. TEST PRESS. BODY	SEAT
150	150 PSIG	425 PSIG	300 PSIG
300	300 PSIG	1100 PSIG	800 PSIG
400	400 PSIG	1450 PSIG	1060 PSIG
600	600 PSIG	2175 PSIG	1600 PSIG
900	900 PSIG	3250 PSIG	2400 PSIG
1500	1500 PSIG	5400 PSIG	4000 PSIG
2500	2500 PSIG	9000 PSIG	6600 PSIG
AIR TEST - SEAT		80 PSIG	±10 PSIG

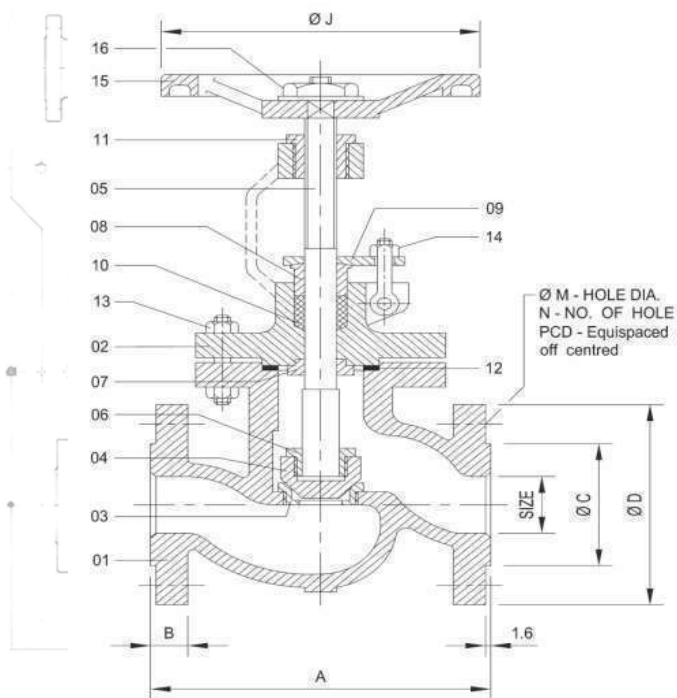
ALL DIMENSIONS ARE IN MM

Technical Specifications

Part No.	Part Name	WCB	WC6	WC9	C5	C12	LCB	LCC	CF8	CF8M
01	Body & Bonnet	A 216 WCB	A 217 WC6	A 217 WC9	A 217 C5	A 217 C12	A 352 LCB	A 352 LCC	A 351 CF8	A 351 CF8M
02	Disc	A 216 WCB	A 217 WC6	A 217 WC9	A 217 C5	A 217 C12	A 352 LCB	A 352 LCC	A 351 CF8	A 351 CF8M
03	Seat Ring	A 105	A 182 F11	A 182 F22	A 182 F5	A 182 F9	A 350 LF2	A 350 LF2	Integral	
04	Stem	See Trim Material Table								
05	Back Seat Bushing	See Trim Material Table								
06	Gland Flange	A 216 WCB	A 217 WC6	A 217 WC9	A 217 C5	A 217 C12	A 352 LCB	A 352 LCC	A 351 CF8	A 351 CF8M
07	Studs & Nuts	ASTM A 193 B7, ASTM A 194 2H							A 193 B16 , A 194 Gr.4/7	
08	Packing	Graphite Ring , Metallic Wire Reinforced							PTFE	
09	Gasket	S.S.304/S.S.316 Spiral Wound Gasket with Grafoil Filler							PTFE	
10	Hand Wheel	Ductile or Malleable Iron							Stainless Steel	

Part No.	Part Name	Trim1 13Cr/13Cr	Trim2 304/304	Trim5 Stellite/Stellite6	Trim8 Stellite/13Cr	Trim10 316/316
2	Wedge Face	13 Cr	304 Stainless Steel	Stellite	13Cr	316 Stainless Steel
3	Seat Ring Face	13 Cr	304 Stainless Steel	Stellite	Stellite	316 Stainless Steel
4	Stem	13 Cr	304 Stainless Steel	13Cr	13Cr	316 Stainless Steel
5	Backseat Bushing	13 Cr	304 Stainless Steel	13Cr	13Cr	316 Stainless Steel

NO.	DESCRIPTION	MATERIAL	QTY.
01	BODY	ASTM A 216 Gr. WCB	1
02	BONNET	ASTM A 216 Gr. WCB	1
03	SEAT RING	AISI 304 / AISI 316 / 13% CR. S.S.	1
04	DISC	AISI 304 / AISI 316 / 13% CR. S.S.	1
05	STEM	AISI 304 / AISI 316 / 13% CR. S.S.	1
06	DISC NUT	AISI 304 / AISI 316 / 13% CR. S.S.	1
07	BACK SEAT BUSH	AISI 410 / 304 / 316	1
08	GLAND BUSH	AISI 410 / 304 / 316	1
09	GLAND FLANGE	CARBON STEEL	1
10	GLAND PACKING	METALIC WIRE REINFORCED GRAPHITED ASBESTOS	---
11	YOKE SLEEVE	AL. BRONZE / NI - RESIST	1
12	BONNET GASKET	COMPRESSED ASBESTOS FIBRE / SOFT STEEL	1
13	BONNET STUD & NUT	ASTM A 193 Gr. B7 ASTM A 194 Gr. 2H	---
14	EYE BOLT & NUT	ASTM A 193 Gr. B7 ASTM A 194 Gr. 2H	2 SET
15	HAND WHEEL	CAST IRON	1
16	HAND WHEEL NUT	CARBON STEEL	1



SUITABLE FOR				
STEAM	WATER	OIL	AIR	GASES
●		●		

PRIMARY SERVICE RATING & TEST PRESSURE		
ND 16	16 kg. / cm2	220° C
ND 40	40 kg. / cm2	400° C

SIZE		A	B	Ø C	Ø D	Ø M	N	PCD	Ø J
IN.	M.M.								
1"	25	160	18	68	115	14	4	85	125
1.1/2"	40	200	20	88	150	18	4	110	175
2"	50	230	20	102	165	18	4	125	175
2.1/2"	65	290	22	122	185	18	8	145	225
3"	80	310	24	138	200	18	8	160	225
4"	100	350	26	162	235	22	8	190	250
5"	125	400	28	188	270	26	8	220	250
6"	150	480	30	218	300	26	8	260	312
8"	200	600	34	285	375	30	12	320	375
10"	250	730	42	345	450	33	12	385	500

ALL DIMENSION ARE IN MM

HYDRAULIC TEST PRESSURE			
STD	BODY	SEAT	AIR
ND 16	32 kg. / cm2 464 PSIG	16 kg. / cm2 232 PSIG	6 kg. / cm2 80 PSIG
ND 40	80 kg. / cm2 1160 PSIG	40 kg. / cm2 580 PSIG	6 kg. / cm2 80 PSIG



Model : SS-SCV

"SSBRIGHT" offers swing check valves.

Technical Specifications

BODY	AMTS A 216 Gr. WCB
SEAT RING	S.S. 13% CR. 304 / 316
DISC	S.S. 13% CR. 304 / 316
COVER	ASTM A 216 Gr. WCB
COVER STUD & NUT	ASTM A 193 Gr. B7
	ASTM A 194 Gr.2H
GASKET	COMPRESSED ASBESTOS FIBRE
	SPIRAL WOUND METALIC GASKET

Manufacturing Std	BS 1868
Testing & Inspection Std	API598
Face to Face	ANSI B 16.10
End Connection	Flanged as per ANSI B16.5
Shell Wall Thickness	ANSI B 16.34

PRIMARY SERVICE RATING & TEST PRESSURE

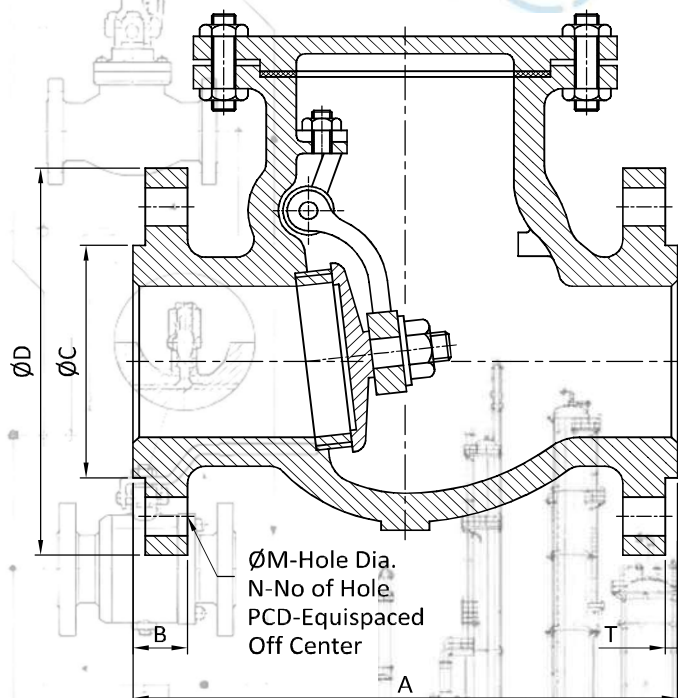
CLASS	WORKING PRESSURE	HYD. TEST PRESS.	
		BODY	SEAT
150	150 PSIG	425 PSIG	300 PSIG
300	300 PSIG	1100 PSIG	800 PSIG
600	600 PSIG	2175 PSIG	1600 PSIG
900	900 PSIG	3250 PSIG	2400 PSIG
1500	1500 PSIG	5400 PSIG	4000 PSIG
2500	2500 PSIG	9000 PSIG	6600 PSIG

AIR TEST - SEAT 80 PSIG ±10 PSIG

Dimensions :

CLASS 150	IN.	1 1/2"	2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"	14"	16"
	M.M.	40	50	65	80	100	125	150	200	250	300	350	400
A(RF)	165	203	216	241	292	330	356	495	622	698.5	787	864	
A1(BW)	165	203	216	241	292	330	356	495	622	698.5	787	864	
B	14.2	15.7	17.5	19	23.9	23.9	25.4	28.4	30.2	31.7	35	36.5	
ØC	73	92	105	127	157	186	216	270	324	381	413	470	
T	2	2	2	2	2	2	2	2	2	2	2	2	
ØD	127	152.4	177.8	190.5	228.6	254	279.4	343	406.4	482.6	533.4	597	
ØM	16	19	19	19	19	22	22	22	25	25	28	28	
N	4	4	4	4	8	8	8	8	12	12	12	16	
PCD	98.5	120.6	139.7	152.4	190.5	215.9	241.3	298.4	361.9	431.8	476.2	539.7	

ALL DIMENSIONS ARE IN MM





AN ISO 9001 - 2015 CERTIFIED Co.

Model : SS-LCV-MNL/CS

"SSBRIGHT" offers lift type check valve.

Technical Specifications

BODY	AMTS A 216 Gr. WCB
SEAT RING	S.S. 13% CR. 304 / 316
DISC	S.S. 13% CR. 304 / 316
COVER	ASTM A 216 Gr. WCB
COVER STUD & NUT	ASTM A 193 Gr. B7
	ASTM A 194 Gr.2H
GASKET	COMPRESSED ASBESTOS FIBRE
	SPIRAL WOUND METALIC GASKET

Manufacturing Std	BS 1868
Testing & Inspection Std	API598
Face to Face	ANSI B 16.10
End Connection	Flanged as per ANSI B16.5
Shell Wall Thickness	ANSI B 16.34

PRIMARY SERVICE RATING & TEST PRESSURE

CLASS	WORKING PRESSURE	HYD. TEST PRESSURE	
		BODY	SEAT
150	150 PSIG	425 PSIG	300 PSIG
300	300 PSIG	1100 PSIG	800 PSIG
AIR TEST - SEAT		80 PSIG	±10 PSIG

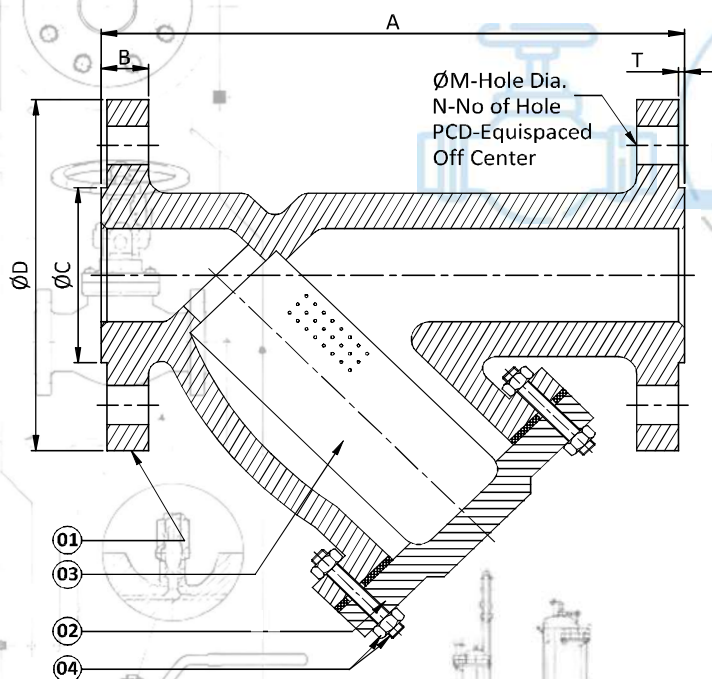
Dimensions :

CLASS 150	IN.	1 1/2"	2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"	14"	16"
	M.M.	40	50	65	80	100	125	150	200	250	300	350	400
A(RF)	165	203	216	241	292	330	356	495	622	698.5	787	864	
A1(BW)	165	203	216	241	292	330	356	495	622	698.5	787	864	
B	14.2	15.7	17.5	19	23.9	23.9	25.4	28.4	30.2	31.7	35	36.5	
ØC	73	92	105	127	157	186	216	270	324	381	413	470	
T	2	2	2	2	2	2	2	2	2	2	2	2	
ØD	127	152.4	177.8	190.5	228.6	254	279.4	343	406.4	482.6	533.4	597	
ØM	16	19	19	19	19	22	22	22	25	25	28	28	
N	4	4	4	4	8	8	8	8	12	12	12	16	
PCD	98.5	120.6	139.7	152.4	190.5	215.9	241.3	298.4	361.9	431.8	476.2	539.7	

ØM-Hole Dia.
 N-No of Hole
 PCD-Equispaced
 Off Center

Model : SS-STR

"SSBRIGHT" offers lift type check valve.



FACE TO FACE	AS PER DIN ND 40
	TYPE / ANSI B 16.10
End Connection	Flanged as per ANSI B16.5
Shell Wall Thickness	ANSI B 16.34

SUITABLE FOR				
STEAM	WATER	OIL	AIR	GASES
●	●	●	●	●

Dimensions :										
CLASS 150	IN.	1"	1½"	2"	2½"	3"	4"	5"	6"	8"
	M.M.	25	40	50	65	80	100	125	150	200
	A(RF)	127	165	203	216	241	292	356	406	495
	B	11.0	14.2	15.7	17.5	19	23.9	23.9	25.4	28.4
	ØC	51	73	92	105	127	157	186	216	270
	ØD	108.0	127	152.4	177.8	190.5	228.6	254	279.4	343
	ØM	16	16	19	19	19	19	22	22	25
	N	4	4	4	4	4	8	8	8	12
	PCD	79.2	98.5	120.6	139.7	152.4	190.5	215.9	241.3	298.4

ALL DIMENSIONS ARE IN MM

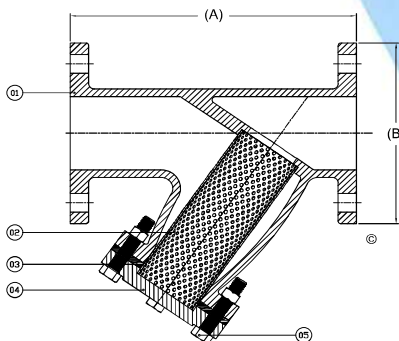
Technical Specifications

Part No.	Part Name	WCB	WC6	WC9	C5	C12	LCB	LCC	CF8	CF8M
01	Body	A 216 WCB	A 217 WC6	A 217 WC9	A 217 C5	A 217 C12	A 352 LCB	A 352 LCC	A 351 CF8	A 351 CF8M
02	Cover	A 216 WCB	A 217 WC6	A 217 WC9	A 217 C5	A 217 C12	A 352 LCB	A 352 LCC	A 351 CF8	A 351 CF8M
03	Screen	304/316/G.M	304/316/G.M	304/316/G.M	304/316/G.M	304/316/G.M	304/316/G.M	304/316/G.M	304/316/G.M	304/316/G.M
04	Cover Stud & Nut	ASTM A 193 B7, ASTM A 194 2H							A 193 B16 , A 194 Gr.4/7	

Model : SS-STV-MNL

DESCRIPTION

Cast Iron Strainer, Y-Type with Stainless Steel Mesh



MATERIALS

S.No.	Parts	Material	Specification
01	Body	Cast Iron/S.G. Iron	IS: 210 FG 200/ IS 1865, 500/7
02	Screen	Stainless Steel	S.S.
03	Gasket	Natural Rubber	IS:638
04	Cover	Cast Iron	IS:210 FG 200
05	Bolts	Carbon Steel	IS:1363

DIMENSIONS IN MM

Size	Face to Face (A)	Flange Dia (B)	Flange Thickness (C)
DN40	205	135	16
DN50	205	154	16
DN65	220	180	16
DN80	265	186	17
DN100	330	215	20
DN125	418	255	20
DN150	440	285	22
DN200	525	340	23
DN250	725	405	25
DN300	750	480	25
DN350	845	535	30

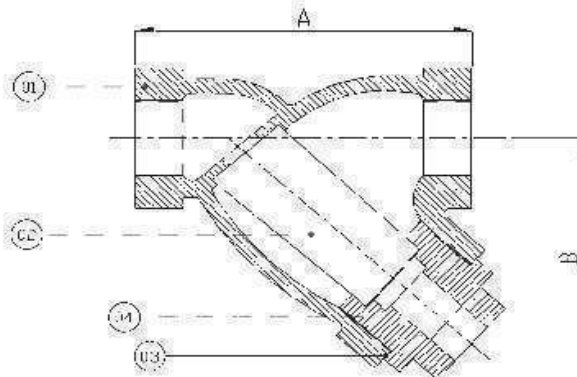
Dimensions are subject to change in course of product development

HYDROSTATIC TEST PRESSURE

Availability	Size Range	Manufacturing and Pressure Rating	Hydrostatic Test Pressure
			Body
Standard Supply	40 to 350 mm	PN 10	10 Kg./cm ²
		PN 16	16 Kg./cm ²

DESCRIPTION

Cast Iron Strainers, POT- Type with Stainless Steel Mesh.



HYDROSTATIC TEST PRESSURE

Availability	Size Range	Manufacturing and Pressure Rating	Hydrostatic Test Pressure
			Body
Standard Supply	50 TO 600mm	As per Our Specifications	10 Kg./cm ²

DIMENSIONS IN MM

Size	Face to Face (A)	Height (B)	Mesh Hole size	No. of holes per Sq. inch
DN15	75	61	Ø1/16"	67
DN20	92	71	Ø1/16"	67
DN25	108	80	Ø1/16"	67
DN32	133	108	Ø1/16"	67
DN40	156	152	Ø1/16"	67
DN50	190	155	Ø1/16"	67
DN65	246	166	1/16"	67
DN80	275	202	Ø1/8"	27

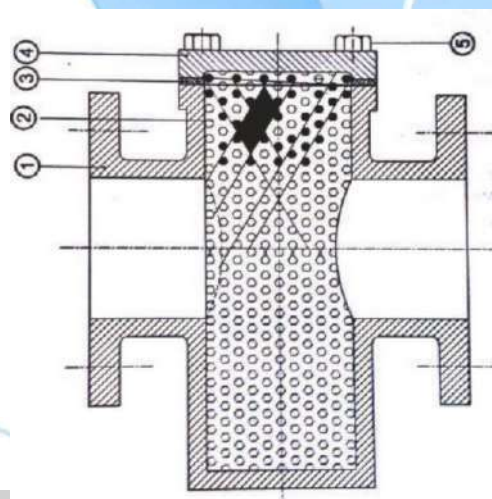
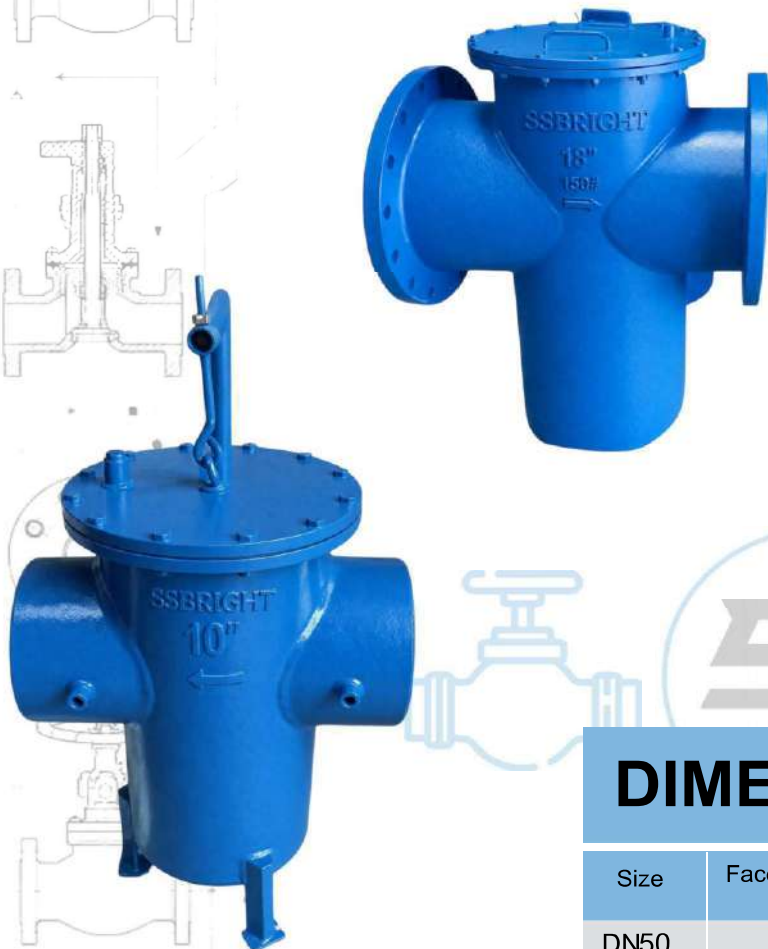
MATERIALS

S.No.	Parts	Material
01	Body	C.I / D.I
02	Cover	C.I / D.I
03	Gasket	EPDM
04	Filter Screen	S.S

Model : SS-BSTV-MNL

DESCRIPTION

Cast Iron Strainers, POT- Type with Stainless Steel Mesh.



DIMENSIONS IN MM

Size	Face to Face (A)	Flange Dia (B)	Flange Thickness (C)
DN50	166	170	16
DN65	195	185	16
DN80	203	197	21
DN100	255	220	22
DN125	265	255	22.5
DN150	275	285	23
DN200	400	340	24.5
DN250	470	400	28
DN300	515	455	28

Dimensions are subject to change in course of product development

MATERIALS

S.No.	Parts	Material
01	Body	Cast Iron / Ductile Iron
02	Mesh	Stainless Steel
03	Gasket	Natural Rubber
04	Cover	Cast Iron
05	Bolts	Carbon Steel / MS

HYDROSTATIC TEST PRESSURE

Availability	Size Range	Manufacturing and Pressure Rating	Hydrostatic Test Pressure
			Body
Standard Supply	50 TO 600mm	As per Our Specifications	10 Kg./cm ²



Model : SS-DPCV-MNL-FLPR

"SSBRIGHT" offers double flanged check valve.



Technical Specifications

No.	Description	Material
01	Body	Cast Iron (IS 210 Gr. Fg. 220) Cast Steel (ASTM A 216 Gr. WCB)
02	Disc	ASTM A 351 Gr. CF8 / G.M.
03	Hinge Pin	AISI 304 / AISI 316
04	Plug	AISI 304 / AISI 316
05	Stop Pin	AISI 304 / AISI 316
06	Spring	AISI 304 / AISI 316
07	Bearing	AISI 304 / AISI 316

SUITABLE FOR

STEAM	WATER	OIL	AIR	GASES
	●	●		

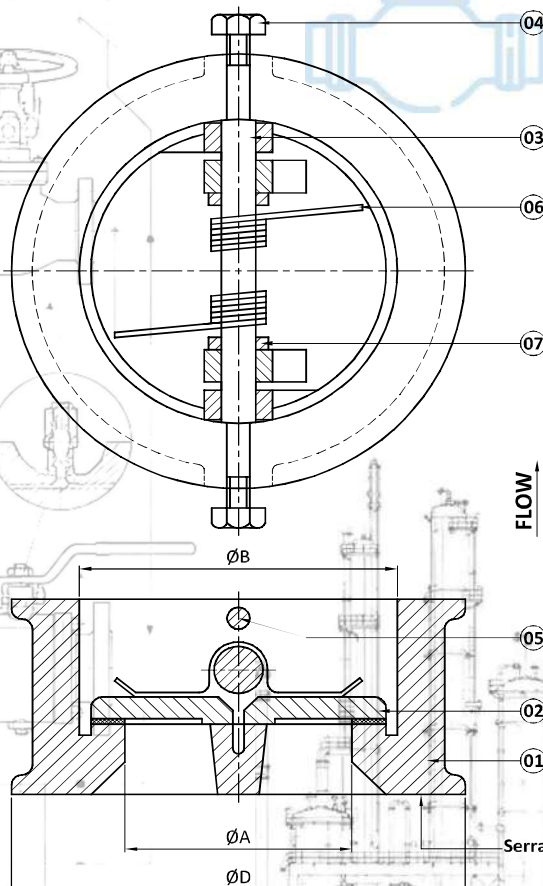
HYD. TEST PRESSURE - BAR

CLASS	BODY	SEAT
150	21 Kg/Cm ²	11 Kg/Cm ²

Dimensions :

SIZE		ØA	ØB	ØD
IN.	M.M.			
2"	50	50	60	105
2 1/2"	65	65	75	124
3"	80	76	90	134
4"	100	100	115	172
5"	125	125	135	196
6"	150	150	165	220
8"	200	200	220	276
10"	250	250	265	338
12"	300	300	320	407
14"	350	350	350	448
16"	400	400	400	514
18"	450	450	450	549
20"	500	500	500	603
24"	600	600	600	718

ALL DIMENSIONS ARE IN MM





AN ISO 9001 - 2015 CERTIFIED Co.

Model : SS-BV-MNL

“SSBRIGHT” Offers Handle Operated Investment Casting WCB/CF8/CF8M/ Ball Valve In Three Piece / Two Piece Design, Engineered For Multiple On/O ffOperations in The Down Steam.

Size Range : 1/2" to 4" Screwed / Flanged / Triclover / Socket weld

Valve

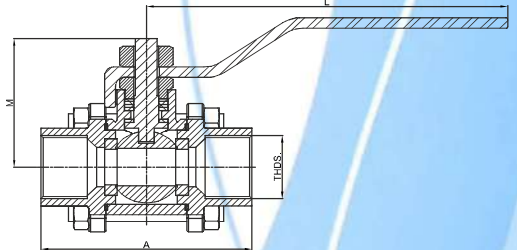
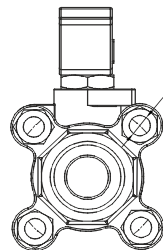
Body	ASTM A216 Gr. WCB / ASTM A351 Gr. CF8 / CF8M
Ball	ASTM A351 Gr. CF8 / CF8M
Stem	Stainless Steel AISI 304 / AISI 316 / AISI 410
Gland	Stainless Steel AISI 304 / AISI 316 / M.S.
Seat Packing	PTFE (Gland Filled, Carbon Filled, Teflon - Optional in case of high Temperature)
End Connection	Screwed to - BSP / NPT / Socket Weld Ends to ANSI JB 16.11 Flanged to - ANSI B 16.5 Class 150/300 Table - D,E,F, (On Request) Triclover Ends - (On Request) Socket Weld - (On Request)

Item	Type of Test	Testing Pressure	Working Pressure	Operating Temperature (high Temp. On Request)
Valve Body Screwed End	Hydraulic	450 PSIG	315 PSIG	Max.180°C
Valve Body Flanged 150#	Hydraulic	450 PSIG	315 PSIG	Max.180°C
Valve Body Flanged 300#	Hydraulic	112 PSIG	815 PSIG	Max.180°C

DIMENSIONS :

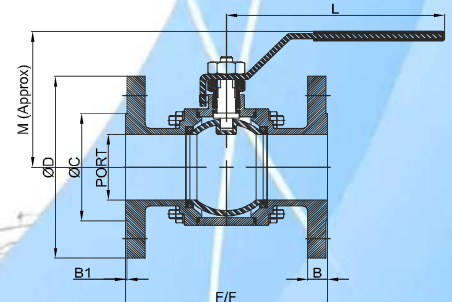
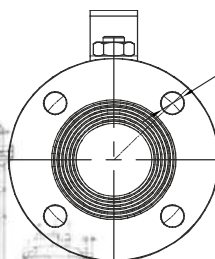
SIZE		A	THDS. BSP	ØH	H1	N	L	M	Approx Weight
MM	IN.								
15	1/2"	68	1/2"	8	42.5	4	122.5	53.5	0.400
20	3/4"	72	3/4"	8.5	53	4	152.5	60.5	0.600
25	1"	84	1"	9	59	4	131.5	67.5	0.800
40	1.1/2"	119	1.1/2"	11	87.5	4	201	92.5	2.100
50	2"	130	2"	10	103	4	228.5	107	3.100

ALL DIMENSIONS ARE IN MM



SIZE		B	B1	C	D	PORT	H	H1	N	F/F	L	M	Approx Weight
MM	IN.												
15	1/2"	10.5	1.5	35	89	12.5	15.5	60	4	108	125	80	1.800
20	3/4"	10.5	1.5	43	98.5	18	16	70	4	117	150	90	2.200
25	1"	12	1.5	51	108	25	16	79.5	4	127	150	75	3.500
40	1.1/2"	14	1.5	73	127	37	16	98.5	4	165	205	100	4.350
50	2"	16	1.5	92	152	50	19	120	4	178	205	110	6.450
65	2.1/2"	17.5	1.5	105	178	64	19	140	4	190.5	205	120	12.300
80	3"	21	1.5	127	190.5	75	19	152	4	203	325	135	17.500
100	4"	23.5	1.5	157	228.5	98	19	190	8	228	325	160	28.600

ALL DIMENSIONS ARE IN MM



Model : SS-BV-MNL

TECHNICAL DATA

DESIGN & MANUFACTURING STD.: BS 5351 / API 6 D

TESTING & INSPECTION STD.: API 598

FACE TO FACE: AS PER ANSI B 16.10

END CONNECTIONS: ANSI B 16.5

DRILLING : TABLE D, E, F, ASA 150 #, ASA 300 #

FOR FLANGE DIM. REFER TO PAGE NO. 32, 33 & 34

TWO PIECE (F/E S/W)

NO.	DESCRIPTION	MATERIAL	QTY.
01	BODY	C.I. / C.S. / S.S. 304 / S.S.316	1
02	BODY CONNECTOR	C.I. / C.S. / S.S. 304 S.S.316	1
03	BALL	AISI 304 / AISI 316	1
04	STEM	AISI 304 / AISI 316	1
05	GLAND NUT	AISI 304 / AISI 316	1
06	GLAND BUSH	AISI 304 / AISI 316	1
07	LOCK NUT	AISI 304 / AISI 316	1
08	SEAT RING	PTFE	2
09	STEM SEAL	PTFE	2
10	BODY SEALENT RING	PTFE	1
11	WRENCH	C.S. / S.S. 304 / S.S. 316	1
12	STOP	C.S. / S.S. 304 / S.S. 316	1
13	STOPPER PIN	C.S. / S.S. 304 / S.S. 316	1
14	STUD & NUT	C.S. / S.S.	-

SUITABLE FOR				
STEAM	WATER	OIL	AIR	GASES
●	●	●		

SIZE		CLASS - 150						
IN.	M.M.	A	B	Ø C	Ø D	Ø M	N	PCD
1/2"	15	108	10.0	35	89.0	16	4	60.4
3/4"	20	118	10.5	43	98.0	16	4	69.8
1"	25	127	11.0	51	108.0	16	4	79.2
1.1/4"	32	140	12.7	64	117.0	16	4	88.9
1.1/2"	40	165	14.2	73	127.0	16	4	98.5
2"	50	178	15.7	92	152.0	19	4	120.6
2.1/2"	65	191	17.5	105	178.0	19	4	139.7
3"	80	203	19.0	127	190.5	19	4	152.4
4"	100	229	24.0	157	229.0	19	8	190.5
5"	125	254	24.0	186	254.0	22	8	215.9
6"	150	267	25.0	216	279.0	22	8	241.3
8"	200	292	28.5	270	343.0	22	8	298.4
10"	250	330	30.0	324	406.0	25	12	362.0

SIZE		A	Ø C	L	THDS.
IN.	M.M.				BSP / BSPT / NPT
1/2"	15	72	12	125	1/2"
3/4"	20	77	18	125	3/4"
1"	25	87	25	125	1"
1.1/4"	32	101	32	175	1.1/4"
1.1/2"	40	117	38	175	1.1/2"
2"	50	127	50	175	2"
2.1/2"	65	151	63	252	2.1/2"
3"	80	171	75	252	3"

ALL DIMENSION ARE IN MM

PRIMARY SERVICE RATING & TEST PRESSURE				
CLASS	WORKING PRESS.	HYD. TEST PRESSURE		
		BODY	SEAT	TEMP.
150	150 PSIG	425 PSIG	300 PSIG	200°F
300	300 PSIG	1100 PSIG	800 PSIG	200°F
AIR TEST - SEAT 80 PSIG ±10 PSIG				



Model : SS-KEGV-MNL-CYL

“SSBRIGHT” offers pneumatic cylinder operated knife edge gate valve.

Size Range : 2" To 48"

Specifications

Size	50NB - 600NB Above 600NB Consult Factory
Pressure	150 PSI.
Temperature	0°C - 1200°C
Body, Chest	Solid One Piece Casting of Cast Iron Fg 260 Cast Steel Gr WCB, CF8, CF8M
Seat	Integral to Body, Soft, Optional.
Gate	AISI SS 304, 316, 316L, 317, 317L
Screw Spindle	AISI SS 304, 410, 304, 316
Nut	Brass
Yoke	Plate Type of MS
Gland Follower	Cast Iron, Cast Steel, Ductile Iron, CF8, CF8M
Hand Wheel	Cast Iron, Cast Steel, Ductile Iron
Gland Packing	PTFE, PTFE Impregnated
Ends	Lugged
Port	Standard [Round] Optional V Port, Diamond Port

MATERIAL OF CONSTRUCTION [OPTIONAL] **

	BODY	GATE	SPINDLE	GLAND
1.	CF8	AISI SS304	AISI SS304	CF8
2.	CF8M	AISI SS316	AISI SS316	CF8M
3.	HAST 'C'	HAST 'C'	AISI SS316	CF8M

MATERIAL SPECIFICATION AND GRADES **

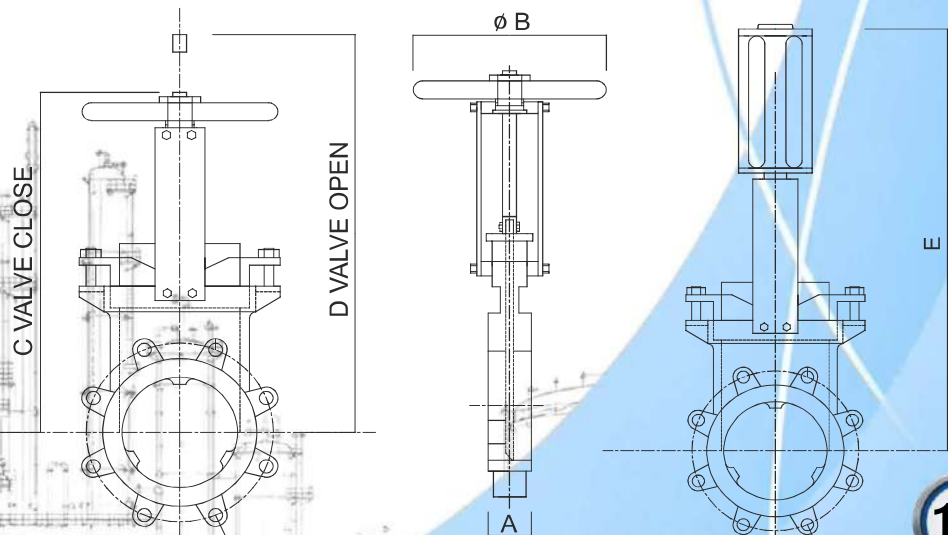
Cast Iron	IS 210 Gr Fg260
Cast Carbon Steel	ASTM A216
Stainless Steel	ASTM A351 Gr CF8, ASTM A351 Gr CF8M
HAST C	Hast Alloy Gr C.

TEST SPECIFICATION

Body Shell Test	As Per MSS SP - 81 Norms 10 kg/cm ² Working Pressure 6kg/cm ²
Seat Leakage Test	Metal Seated Valves as Per MSS SP 81 Norms & Tappi 405 Soft Seated Valves Zero Leakage

DIMENSIONS :

SIZE	A	ØB	C	D	E
50 MM	48	203	220	275	425
65 MM	51	203	263	228	513
80 MM	51	203	290	370	615
100 MM	51	203	330	430	730
125 Mm	57	254	505	630	925
150 MM	57	254	580	730	1075
200 MM	70	305	665	915	1250
250 MM	70	406	710	960	1300
300 MM	76	406	770	1070	1600
350 MM	76	508	885	1235	1780
400 MM	89	508	1030	1380	1960
450 MM	114	508	1095	1545	2100
500 MM	114	508	1145	1645	2580
600 MM	114	508	1340	1960	3100



Dimensions given above are indicative, please request for certified drawing for piping layout

Model : SS-PV-MNL

Technical Data:

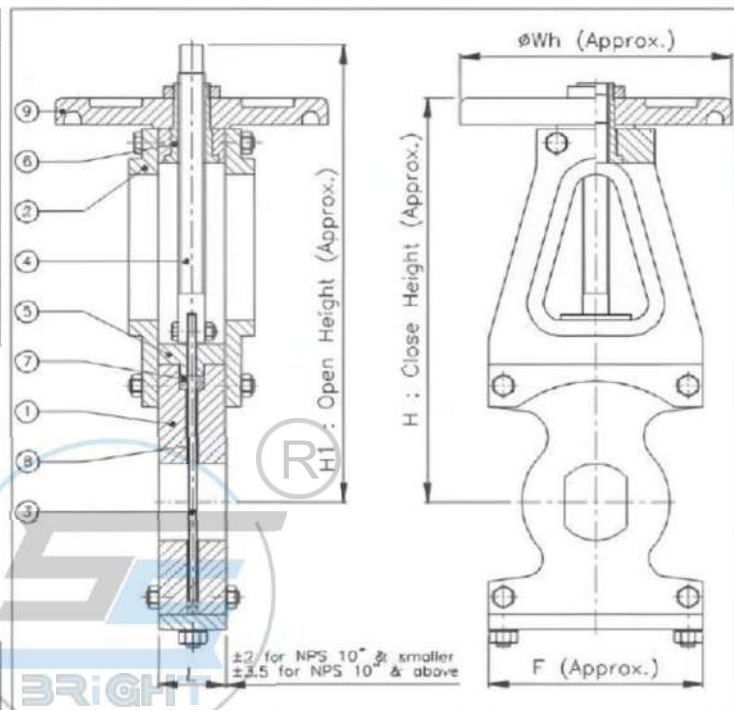
Manufacturing Std. Generally Conforming to MSS-SP 81

End Connection: Wafer to Suit BS 10 Table-D/ANSI B16.1 (125#)

Inspection and Testing Std. Generally Conforming to MSS-SP 81

Max. C.W.P.: 100 PSIG

P. No.	Qty.	Nomenclature	Material
1	1	BODY	C.I. IS 210 Gr. FG200
2	2	YOKES	C.I. IS 210 Gr. FG200
3	1	GATE	SS 304 PLATE
4	1	STEM	AISI 304
5	2	GLAND PLATES	C.I. IS 210 Gr. FG200
6	1	STEM NUT	G.M.
7	Req.	GLAND PACKINGS	GRAPHITED ASBESTOS
8	1	GASKET	CAF
9	1	HAND WHEEL	C.I./M.I.



HYDROSTATIC TEST PRESSURE

Body	9 Kg/Cm2
------	----------

All dimensions are in M.M.

SIZE	L	H	H1	F	øWh
40	46	232	350	126	185
50	46	305	375	147	185
65	46	305	395	165	185
80	49	315	415	180	185
100	49	350	485	185	185
125	56	408	530	210	225
150	56	435	610	243	225
200	56	500	690	285	225
250	62	610	890	336	405
300	78	715	1000	392	405
350	78	785	1185	525	500
400	102	960	1440	575	500
450	110	985	1460	650	600
500	127	1130	1710	675	600
600	154	1240	1890	785	750
700	165	1415	2165	900	900
750	190	1475	2275	950	900
800	190	1630	2505	1000	900
900	203	1800	2775	1100	950
1000	216	2000	3100	1200	950





AN ISO 9001 - 2015 CERTIFIED Co.

Model : SS-FSBV-MNL

TECHNICAL DATA

DESIGN & MANUFACTURING STD. BS 5351, API 602

TESTING & INSPECTION STD.: API 598

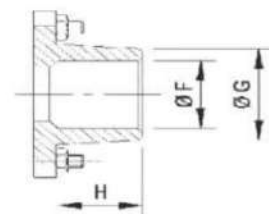
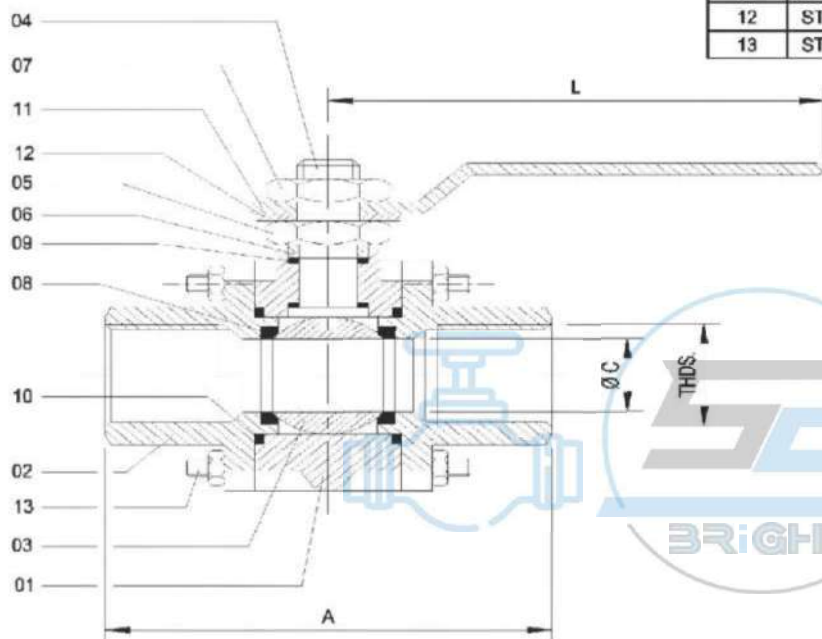
END CONNECTIONS: BSP, BSPT, NPT, SOCKET WELD

SOCKET WELD & THREADED TO: ANSI B 16.11

/ ANSI B 1.20.1

THREE PIECE (S/E)

NO.	DESCRIPTION	MATERIAL	QTY.
01	BODY	C.I. / C.S. / S.S.304 /	1
02	BODY CONNECTOR	S.S.316 / ASTM A 105	1
03	BALL	AISI 304 / AISI 316	1
04	STEM	AISI 304 / AISI 316	1
05	GLAND NUT	AISI 304 / AISI 316	1
06	GLAND BUSH	AISI 304 / AISI 316	1
07	LOCK NUT	AISI 304 / AISI 316	1
08	SEAT RING	PTFE	2
09	STEM SEAL	PTFE	2
10	BODY SEALANT RING	PTFE	2
11	WRENCH	M.S. / S.S.	1
12	STOP	M.S.	1
13	STUD & NUT	C.S. / S.S.	4



SOCKET WELD END

SUITABLE FOR				
STEAM	WATER	OIL	AIR	GASES
●	●	●		



CLASS - 150								
SIZE		A	Ø C	L	THDS. BSP / BSPT / NPT	F	G	H
IN.	M.M.							
1/2"	15	90	13	155	1/2"	21.8	29	12.7
3/4"	20	95	19	160	3/4"	27.3	35	19.0
1"	25	100	25	160	1"	34.1	43	22.0
1.1/4"	32	110	32	160	1.1/4"	43.0	54	22.0
1.1/2"	40	120	38	178	1.1/2"	49.0	58	22.0
2"	50	130	50	178	2"	61.3	71	23.0

CLASS - 800								
SIZE		A	Ø C	L	THDS. BSP/ BSPT / NPT	F	G	H
IN.	M.M.							
1/2"	15	68	12	115	1/2"	21.8	28	12.7
3/4"	20	79	16	122	3/4"	27.3	35	19.0
1"	25	95	18	153	1"	34.1	43	22.0
1.1/4"	32	107	24	178	1.1/4"	43.0	54	22.0
1.1/2"	40	117	32	178	1.1/2"	49.0	58	22.0
2"	50	130	37	178	2"	61.3	71	23.0

PRIMARY SERVICE RATING & TEST PRESSURE				
CLASS	WORKING PRESS.	HYD. TEST PRESSURE		
		BODY	SEAT	TEMP.
150	150 PSIG	425 PSIG	300 PSIG	200°F
300	300 PSIG	1100 PSIG	800 PSIG	200°F
800	800 PSIG	3000 PSIG	2000 PSIG	200°F
AIR TEST - SEAT 80 PSIG ±10 PSIG				

ALL DIMENSION ARE IN MM





Model : SS-FSGV-MNL

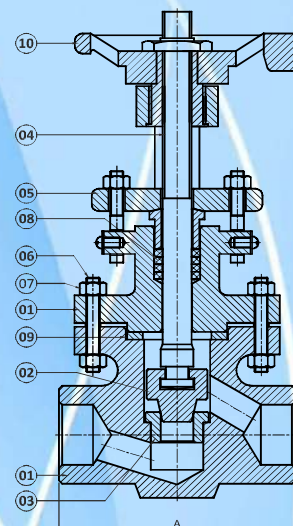
"SSBRIGHT" offers forged steel body gate valve screwed end.



800# **			1500# **			2500# **		
SIZE	S/E & S/W		SIZE	S/E & S/W		SIZE	S/E & S/W	
IN. M.M.	A		IN. M.M.	A		IN. M.M.	A	
1/2"	15	85	1/2"	15	90	1/2"	15	150
3/4"	20	90	3/4"	20	110	3/4"	20	150
1"	25	105	1"	25	127	1"	25	210
1 1/2"	40	128	1 1/2"	40	180	1 1/2"	40	230
2"	50	142	2"	50	210	2"	50	230

PRIMARY SERVICE RATING & TEST PRESSURE		
CLASS	HYD. TEST PRESS. BODY	SEAT
800	3000 PSIG	2000 PSIG
1500	5400 PSIG	4000 PSIG
2500	9000 PSIG	6000 PSIG

AIR TEST OF SEAT AT 100PSIG



"SSBRIGHT" offers forged steel body gate valve flanged end

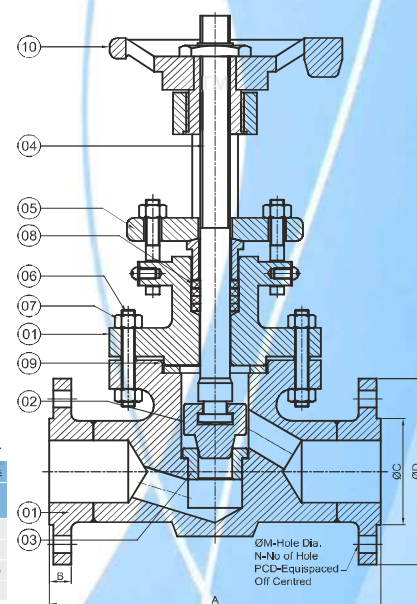


Dimensions :

CLASS 150	IN.	1/2"	3/4"	1"	1 1/2"	2"	2 1/2"	3"	4"	5"	6"	8"	10"	12"
	M.M.	15	20	25	40	50	65	80	100	125	150	200	250	300
	A(RF)	108	118	127	165	203	216	241	292	356	406	495	622	698.5
	B	10.0	10.5	11.2	14.2	15.7	17.5	19	23.9	23.9	25.4	28.4	30.2	31.7
	ØC	35	43	51	73	92	105	127	157	186	216	270	324	381
	ØD	89.0	98.5	108	127	152.4	177.8	190.5	228.6	254	279.4	343	406.4	482.6
	ØM	16	16	16	16	19	19	19	19	22	22	22	25	25
	N	4	4	4	4	4	4	4	8	8	8	8	12	12
	PCD	60.4	70.0	79.2	98.5	120.6	139.7	152.4	190.5	215.9	241.3	298.4	361.9	431.8

PRIMARY SERVICE RATING & TEST PRESSURE		
CLASS	HYD. TEST PRESS. BODY	SEAT
150	425 PSIG	300 PSIG
300	1100 PSIG	800 PSIG
600	2175 PSIG	1600 PSIG

AIR TEST OF SEAT AT 80PSIG



Technical Specifications

ALL DIMENSIONS ARE IN MM

Part No.	Part Name	A 105	LF2	LF3	F304	F316	F11	F22
01	Body & Bonnet	ASTM A 105	A 350 Gr. LF2	A 350 Gr. LF3	A 182 F304	A 182 F316	A 182 Gr. F11	A 182 Gr. F22
02	Disc	ASTM A 105	A 350 Gr. LF2	A 350 Gr. LF3	A 182 F304	A 182 F316	A 182 Gr. F11	A 182 Gr. F22
03	Seat Ring	A182 Gr.F6a	A182 Gr.F6a	A182 Gr.F6a	A 276-304	A 276-316	A 276-410	A 276-410
04	Stem	A 276-410	A 276-410	A 276-410	A 276-304	A 276-316	A 276-410	A 276-410
05	Gland Flange	A 216 WCB	A 216 WCB	A 216 WCB	A 351Gr.CF8	A 351Gr.CF8M	A 216 WCB	A 216 WCB
06	Bolts	A 193 B7	A 320 L7	A 320 L7	A 193 B8	A 193 B8	A 193 B16	A 193 B16
07	Nuts	A 193 B7	A 320 L7	A 320 L7	A 193 B8	A 193 B8	A 193 B16	A 193 B16
08	Packing	Graphoil Rings						
09	Gasket	S.S.304/S.S.316 Spiral Wound Gasket with Grafoil Filler						
10	Hand Wheel	Ductile or Malleable Iron						





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Model : SS-FSGV-MNL

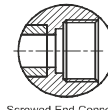
“SSBRIGHT” offers forged steel body gate valve screwed end.



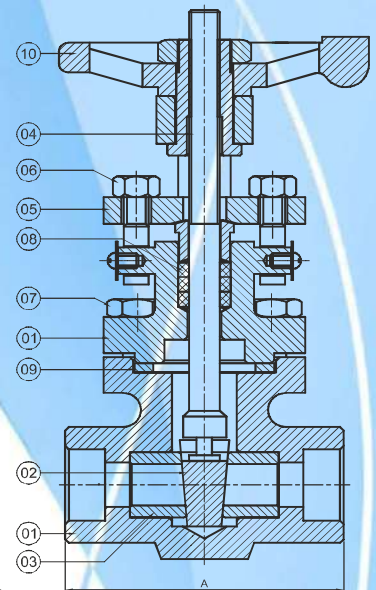
800# **			1500# **			2500# **		
SIZE	S/E & S/W		SIZE	S/E & S/W		SIZE	S/E & S/W	
IN.	M.M.	A	IN.	M.M.	A	IN.	M.M.	A
1/2"	15	85	1/2"	15	90	1/2"	15	150
3/4"	20	90	3/4"	20	110	3/4"	20	150
1"	25	105	1"	25	127	1"	25	210
1 1/2"	40	128	1 1/2"	40	180	1 1/2"	40	230
2"	50	142	2"	50	210	2"	50	230

PRIMARY SERVICE RATING & TEST PRESSURE		
CLASS	HYD. TEST PRESS. BODY	SEAT
800	3000 PSIG	2000 PSIG
1500	5400 PSIG	4000 PSIG
2500	9000 PSIG	6000 PSIG

AIR TEST OF SEAT AT 100 PSIG



Screwed End Connection



“Stanvalves” offers forged steel body gate valve flanged end

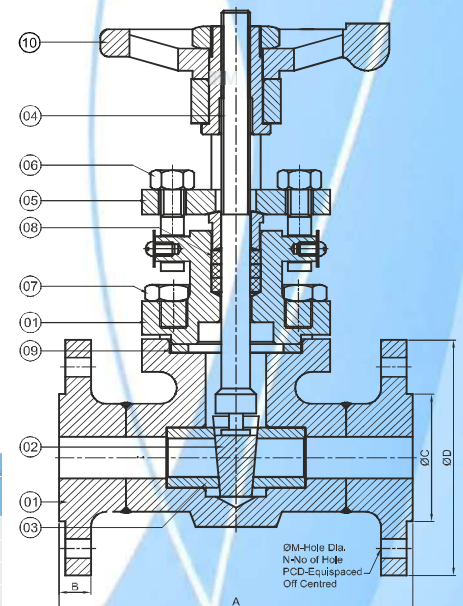


Dimensions :

CLASS 150 **												
IN.	1/2"	3/4"	1"	1 1/2"	2"	2 1/2"	3"	4"	5"	6"	8"	10"
M.M.	15	20	25	40	50	65	80	100	125	150	200	250
A(RF)	108	118	127	165	177.8	190.5	203.2	228.6	254	266.7	292.1	330.2
B	10.0	10.5	11.2	14.2	15.7	17.5	19	23.9	23.9	25.4	28.4	30.2
ØC	35	43	51	73	92	105	127	157	186	216	270	324
ØD	89.0	98.5	108	127	152.4	177.8	190.5	228.6	254	279.4	343	406.4
ØM	16	16	16	16	19	19	19	19	22	22	22	25
N	4	4	4	4	4	4	4	8	8	8	8	12
PCD	60.4	70.0	79.2	98.5	120.6	139.7	152.4	190.5	215.9	241.3	298.4	361.9

PRIMARY SERVICE RATING & TEST PRESSURE		
CLASS	HYD. TEST PRESS. BODY	SEAT
150	425 PSIG	300 PSIG
300	1100 PSIG	800 PSIG
600	2175 PSIG	1600 PSIG

AIR TEST OF SEAT AT 80PSIG



Technical Specifications

ALL DIMENSIONS ARE IN MM

Part No.	Part Name	A 105	LF2	LF3	F304	F316	F11	F22
01	Body & Bonnet	ASTM A 105	A 350 Gr. LF2	A 350 Gr. LF3	A 182 F304	A 182 F316	A 182 Gr. F11	A 182 Gr. F22
02	Wedge	ASTM A 105	A 350 Gr. LF2	A 350 Gr. LF3	A 182 F304	A 182 F316	A 182 Gr. F11	A 182 Gr. F22
03	Seat Ring	A182 Gr.F6a	A182 Gr.F6a	A182 Gr.F6a	A 276-304	A 276-316	A 276-410	A 276-410
04	Stem	A 276-410	A 276-410	A 276-410	A 276-304	A 276-316	A 276-410	A 276-410
05	Gland Flange	A 216 WCB	A 216 WCB	A 216 WCB	A 351Gr.CF8	A 351Gr.CF8M	A 216 WCB	A 216 WCB
06	Bolts	A 193 B7	A 320 L7	A 320 L7	A 193 B8	A 193 B8	A 193 B16	A 193 B16
07	Nuts	A 193 B7	A 320 L7	A 320 L7	A 193 B8	A 193 B8	A 193 B16	A 193 B16
08	Packing	Graphoil Rings						
09	Gasket	S.S.304/S.S.316 Spiral Wound Gasket with Grafoil Filler						
10	Hand Wheel	Ductile or Malleable Iron						



Model : SS-LCV-MNL

TECHNICAL DATA

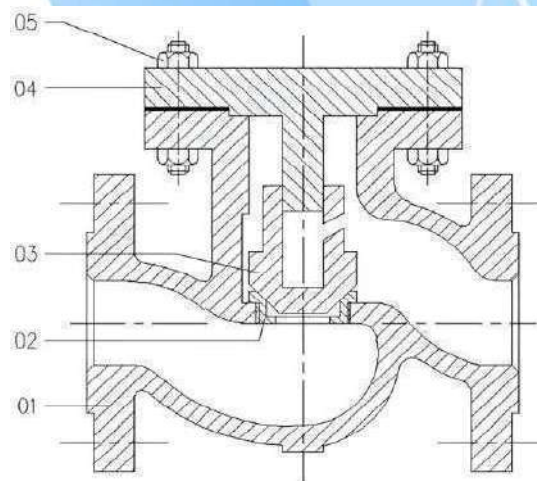
MANUFACTURING STD.: BS 5352

TESTING & INSPECTION STD.: API 598

SOCKET WELD AND THREADED TO: ANSI B 16.11/ANSI B 1.20.1

FLANGED TO: ANSI B 16.5

FLANGE TO FLANGE DISTANCE: ANSI B 16.10



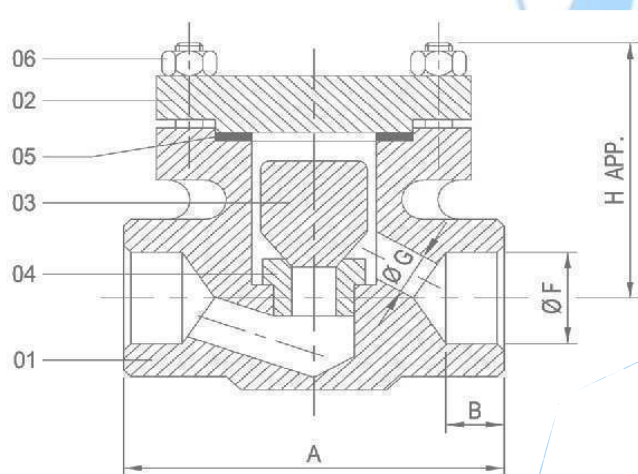
TEST PRESSURE	
BODY	SEAT
3000 PSIG	2000 PSIG
AIR TEST OF SEAT 100 PSIG	

NO.	DESCRIPTION	MATERIAL	QTY.
01	BODY	FORGE STEEL A 105	1
02	COVER	FORGE STEEL A 105	1
03	VALVE	AISI 304 / AISI 316 / AISI 410	1
04	SEAT RING	AISI 304 / AISI 316 / AISI 410	1
05	BONNET GASKET	SPIRAL WOUND S.S. 304 WITH CAF	1
06	COVER STUD & NUT	ASTM A 193 GR. B7 ASTM A 194 GR. 2H	4 SET

SUITABLE FOR				
STEAM	WATER	OIL	AIR	GASES
●	●	●		

ALL

SIZE		SCREWED / SOCKET WELD					
IN.	M.M.	A	B	E	Ø F	Ø G	H
1/2"	15	85	10	13	22.0	9.0	50
3/4"	20	90	13	13	27.5	12.0	62
1"	25	105	13	15	34.0	17.5	68
1.1/2"	40	128	13	25	48.6	29.5	100
2"	50	142	16	25	61.1	61.1	100

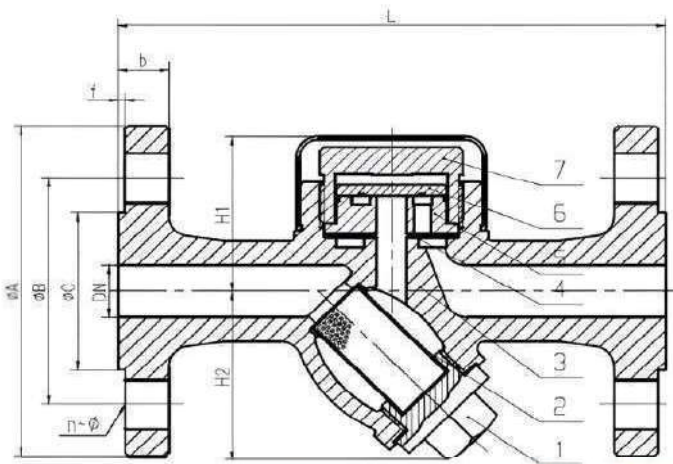


Model : SS-TST-MNL

TECHNICAL DATA

SCREW END : ANSI B 1.20.1

SOCKET WELD END : ANSI B 16.11



SUITABLE FOR				
STEAM	WATER	OIL	AIR	GASES
●	●	●	●	

SIZE		A	THDS.	Ø C
IN.	MM.			
1/2"	15	76	1/2" BSP/BSPT/NPT	34.0
3/4"	20	76	3/4" BSP/BSPT/NPT	34.0
1"	25	90	1" BSP/BSPT/NPT	34.0

NO.	DESCRIPTION	MATERIAL	QTY.
01	BODY	BRONZE / S.S. CF8 / CF8M / CA 40	1
02	SCREEN	S.S. 304 (20 / 40 MESH)	1
03	PLUG	S.S. CF8 / CF8M / CA 40	1
04	DISC	S.S. CF8 / CF8M / CA 40	1
05	BODY COVER	S.S. CF8 / CF8M / CA 40	1

Model : SS-WCV-MNL

“SSBRIGHT” offers wafer type check valve.

Technical Specifications

No.	Description	Material
01	Body	Cast Iron (IS 210 Gr. Fg. 220) Cast Steel (ASTM A 216 Gr. WCB) / S.S.ASTM A 351 Gr. CF8 /CF8M
02	Disc	Cast Iron (IS 210 Gr. Fg. 220) Cast Steel (ASTM A 216 Gr. WCB) / S.S.ASTM A 351 Gr. CF8 /CF8M
03	'O' Ring	Nitrile/EPDM/Viton/Silicon/PTFE
04	Hinge Pin	AISI 304 / AISI 316

SUITABLE FOR

STEAM	WATER	OIL	AIR	GASES
	●	●		

PRIMARY SERVICE RATING & TEST PRESSURE

CLASS	WORKING TEMP.	HYD. TEST PRESSURE	
		BODY	SEAT
150	20°C TO 180°C	225 PSIG	150 PSIG

Dimensions :

SIZE	IN.	2"	2 ½"	3"	4"	5"	6"	8"	10"	12"	14"	16"	18"	20"	24"
	M.M.	50	65	80	100	125	150	200	250	300	350	400	450	500	600
ØA		30	40	52	71.5	93	114	157	195	240	270	310	360	405	460
B		19	19	19	19	19	19	29	29	38	45	51	60	64	76
ØC		105	124	137	175	197	222	279	340	410	438	489	539	594	695

ALL DIMENSIONS ARE IN MM

Model : SS-DCV

"SSBRIGHT" offers disc type non slam check valve (NRV) for Textiles, Pulp and Paper, Pharmaceuticals, Chemical, Food Processing & Oil Lines etc..



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Size Range Upto : 1/2 " to 8 " Wafer Type

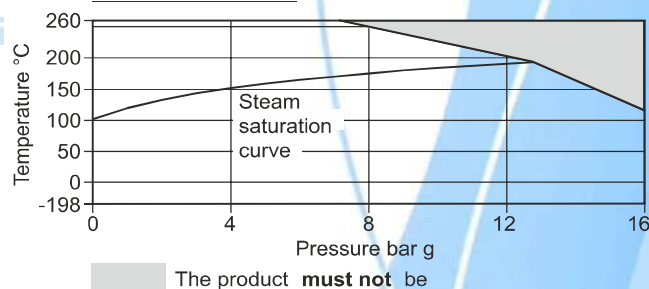
Technical Specifications :

Body Construction	ASTM A 351 Gr. CF8 / CF8M
Disc	AISI 304 or AISI 316 (Bar Stock)
Spring	AISI 304 or AISI 316 (Standard)
Spring Retainer	AISI 304 or AISI 316
Disc Seat	Metal to Metal
Pressure Rating	PN 40.
Flange Standard	1. BS 10 Table D, E & H (65NB & 80 NB will not be fitted between 'E' flanges) 2. DIN : Pn6, 10, 16, 25, 40. 3. JIS 5, 10, 16, 20 (40NB, 50NB, 80NB & 100 NB will not be fitted between JIS 5 flanges)

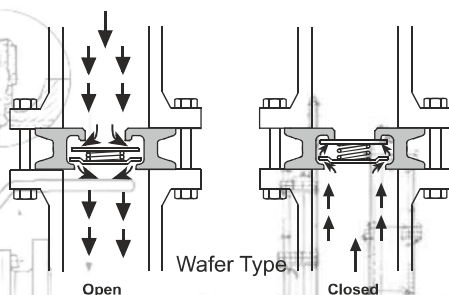
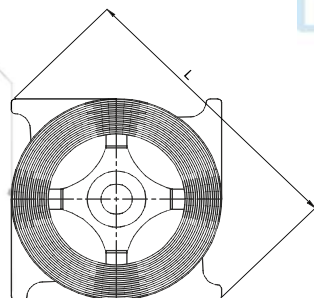
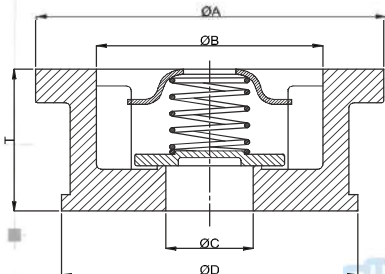
DIMENSION

SIZE		A	B	C	D	T	L	Approx Weight
MM	IN.							
15	1/2"	43	29	15	38	16	60	0.400
20	3/4"	53	36	20	45	19	70	0.640
25	1"	63	44	25	56	22	80	0.954
32	1.1/4"	73	55	32	65	28	90	1.425
40	1.1/2"	83	66	40	74	31	98	1.972
50	2"	93	77	50	85	40	112	2.666
65	2.1/2"	114	98	65	107	46	141	4.130
80	3"	132	111	80	122	50	151	5.802
100	4"	153	130	100	142	60	181	8.425
125	5"	185	161	125	170	90	215	-
150	6"	212	190	150	202	105	255	-
200	8"	277	250	200	261	140	320	-

OPERATING RANGE



All Dimensions are in mm



Opening Pressures in mbar

Differential pressures with zero flow for standard and high temperature springs.

Indicates Flow Direction

DN	15 MM	20 MM	25 MM	40 MM	50 MM	65 MM	80 MM	100 MM	125 MM	150 MM	200 MM
↑	25	25	25	28	29	30	31	33	On Request		
→	22.5	22.5	22.5	24.5	24.5	25.5	25.5	26.5	On Request		
↓	20	20	20	20	20	20	20	20	On Request		

Where lowest opening pressures are required, valves without springs can be installed in vertical pipes with bottom-to-top flow.

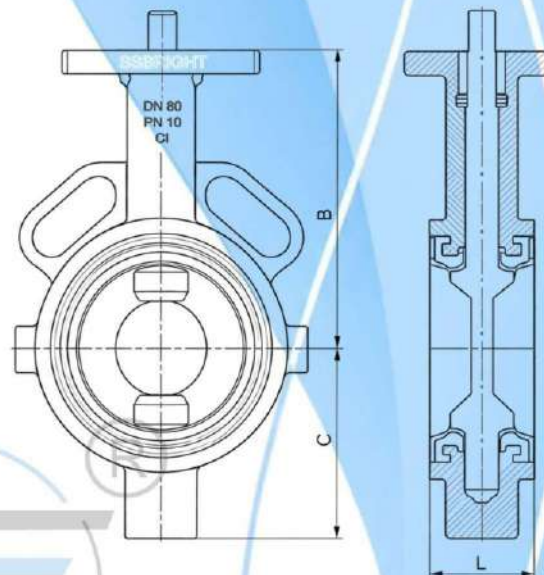
Without Spring

DN	15 MM	20 MM	25 MM	40 MM	50 MM	65 MM	80 MM	100 MM	125 MM	150 MM	200 MM
↑	2.5	2.5	2.5	3.5	4	4.5	5.5	6.5	On Request		



Model : SS-STBV-ACT

"SSBRIGHT" offers rubber lined Butterfly Valves for HVAC & utilities. These Valves are truly "Fit & Forget Valve", Which requires minimum maintenance. The body lines which also functions as the soft seat, comes in an integrally moulded version & offers bi-directional sealing against vacuum upto the pressure of PN 10/PN 16



Size Range : 1.1/2" to 40"

Valve

Body	I.C. / CI (IS 210 Gr. FG 200 / 220) WCB / S.S. 304 / S.S. 316
Disc	CF8 / CF8M / CF3M / S.G. Iron / Teflon Coated / Powder Coated" Nylon Coated / Rubber Line
Seat	EPDM / Nitrile / Hayplon / Viton / Moulded or Replaceable muffler type
Shaft	AISI 410 / CF8 / CF8M / CF3M
Valve Type	Centric Disc Butterfly Valve with a single piece rubber lined body
Body Type	Short wafer (sandwiched between flanges)
Seat Type	Integrally moulded with the body
End Connection	Wafer Sandwiched (Lug Type On Request)
Pressure rating	PN 10 / PN 16 (On Request)
Oper. Temp. range	-25 °C to 130 °C (depending on MOC)
Seat Leakage	Tight shut off
Operation	Hand lever for sizes from 40 mm to 350 mm Worm gear boxes for 40 mm to 1 000 mm

DIMENSIONS :

Size		L	C	B	Wt.
DN	NPS				
50	2	43	70	120	3.5
65	2 1/2	46	80	135	3.5
80	3	46	90	140	3.8
100	4	52	110	160	5.5
125	5	56	120	180	8.0
150	6	56	150	205	9.5
200	8	60	180	235	21.0
250	10	68	210	260	24.5
300	12	78	230	300	35.5
350	14	78	260	320	39.5

All dimensions in mm and Weights in Kg

**

Item	Type of Test	Testing Pressure	Operating Temperature (Normal)	Operating Temperature (High)
Valve Body	Hydraulic	225 PSIG	Max. 80°C	High Temp. On request
Seat	Hydraulic	150 PSIG	Max. 80°C	High Temp. On request



Model : SS-STBV-ACT

“SSBRIGHT” offers rubber lined Butterfly Valves for HVAC & utilities. These Valves are truly "Fit & Forget Valve", Which requires minimum maintenance. The body lines which also functions as the soft seat, comes in an integrally moulded version & offers bi-directional sealing against vacuum upto the pressure of PN 10/PN 16

Size Range : 1.1/2" to 40"

Valve

Body	I.C. / CI (IS 210 Gr. FG 200 / 220) WCB / S.S. 304 / S.S. 316
Disc	CF8 / CF8M / CF3M / S.G. Iron / Teflon Coated / Powder Coated" Nylon Coated / Rubber Line
Seat	EPDM / Nitrile / Hayplon / Viton / Moulded or Replaceable muffler type
Shaft	AISI 410 / CF8 / CF8M / CF3M
Valve Type	Centric Disc Butterfly Valve with a single piece rubber lined body
Body Type	Short wafer (sandwiched between flanges)
Seat Type	Integrally moulded with the body
End Connection	Wafer Sandwiched (Lug Type On Request)
Pressure rating	PN 10 /PN 16 (On Request)
Oper. Temp. range	-25 °C to 130 °C (depending on MOC)
Seat Leakage	Tight shut off
Operation	Hand lever for sizes from 40 mm to 350 mm Worm gear boxes for 40 mm to 1 000 mm

**

Item	Type of Test	Testing Pressure	Operating Temperature (Normal)	Operating Temperature (High)
Valve Body	Hydraulic	225 PSIG	Max. 80°C	High Temp. On request
Seat	Hydraulic	150 PSIG	Max. 80°C	High Temp. On request

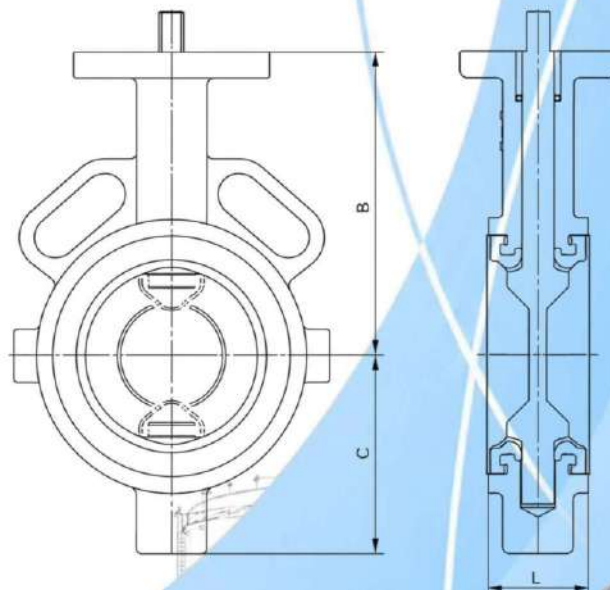
**

DIMENSIONS :

**

Size		L	C	B	Wt.
DN	NPS				
50	2	43	70	120	3.5
65	2 1/2	46	80	135	3.5
80	3	46	90	140	3.8
100	4	52	110	160	5.5
125	5	56	120	180	8.0
150	6	56	150	205	9.5
200	8	60	180	235	21.0
250	10	68	210	260	24.5
300	12	78	230	300	35.5
350	14	78	260	320	39.5

All dimensions in mm and Weights in Kg





Model : SS-STBV-MNL

“SSBRIGHT” offers Spherical Disc Valve with compact & Easy Replaceable Seal Design for 10Kg/Cm² / 20Kg/Cm² & to with stand 180° C to 600° C Temperature

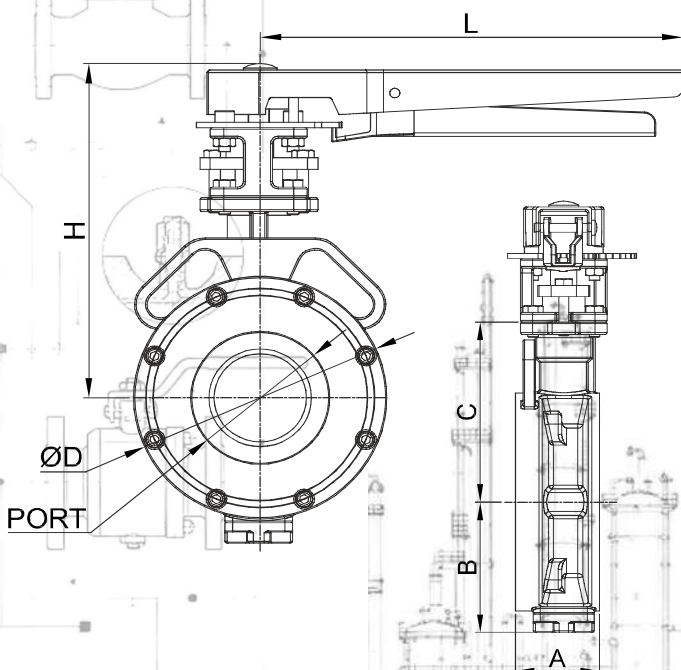
Size Range : 1/2" to 8"

APPLICATION

- Hygienic Powder & Slurries, especially in Pharmaceutical Industries.
- Chemicals and Dyeing Fluids in Textile Processing
- Brine Waters & Oils.
- Steam Lines, Air/Gas Lines.

Valve

Body	WCB / CF8 / CF8M / Cast Iron
Disc	CF8 / CF8M
Seat	PTFE (available EPDM / Viton / Metal to Metal)
Plate Mounting	NAMUR Standard
Operation	Hand Lever Type, Worm Gear Box Type, Pneumatic Actuated, Electrical Actuated



DIMENSIONS :

SIZE		A	B	C	H	PORT	ØD	L	Approx Weight
MM	IN.								
40	1.1/2"	42	58	86	150	38	82	265	2.200
50	2"	45	68	88	150	51	96	265	2.500
65	2.1/2"	48	70	100	170	60	112	265	3.200
80	3"	48	79	109	175	72	131	265	3.800
100	4"	54	95	131	200	100	160	265	5.400
125	5"	57	118	155	225	123	188	300	7.800
150	6"	57	132	170	240	144	219	300	9.550
200	8"	64	161	201	285	192	271	370	15.050

ALL DIMENSIONS ARE IN MM





Model : SS-PABV

“SSBRIGHT” offers Cast Iron and Cast Steel body with CF8 / CF8M / CF3M disc butterfly valve with on-off and modulating type manual, pneumatic and motorized operation.

Size Range : 1/2" to 32"

Size Range: 40MM To 1200MM

Actuator

Type	Rack and Pinion Type
Actuation	Double Acting / Single Acting (Spring Return)
Mounting Std.	ISO 5211 An International Standard
Pneumatic Connections	NAMUR Standard

Valve

Body	I.C. / CI (IS 210 Gr. FG 200 / 220) WCB / S.S. 304 / S.S. 316
Disc	CF8 / CF8M / CF3M / S.G. Iron / Teflon Coated / Powder Coated" Nylon Coated / Rubber Line
Seat	EPDM / Nitrile / Hayplon / Viton / Moulded or Replaceable muffer type
Shaft	AISI 410 / CF8 / CF8M / CF3M
Valve Type	Centric Disc Butterfly Valve with a single piece rubber lined body
Body Type	Short wafer (sandwiched between flanges)
Seat Type	Integrally moulded with the body
End Connection	Wafer Sandwiched (Lug Type On Request)
Pressure rating	PN 10 / PN 16 (On Request)
Oper. Temp. range	-25 °C to 130 °C (depending on MOC)
Seat Leakage	Tight shut off
Operation	Hand lever for sizes from 40 mm to 350 mm Worm gear boxes for 40 mm to 1000 mm
Design Std.	BS EN 593 / API 609 Category A
Testing Std.	API 598 / BS 6755 / BS EN 12266-1

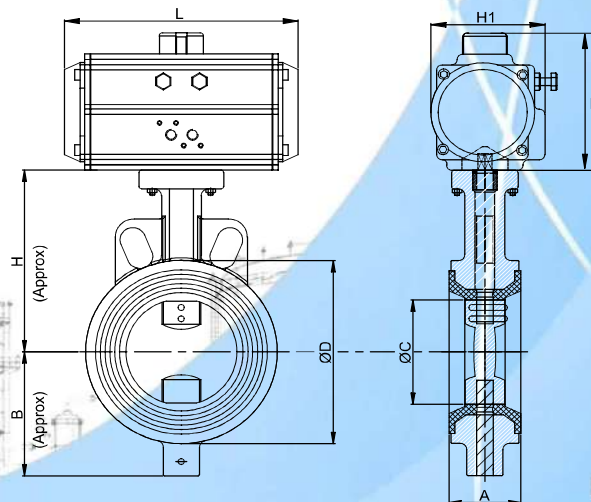
Item	Type of Test	Hydro Testing Pressure	Operating Temperature (Normal)	Operating Temperature (High)
Actuator	Pneumatic Bubble Test	180 to 150 PSIG	-20°C to 80°C	High Temp. On request
Valve Body	Hydraulic	300 PSIG	Max. 80°C	High Temp. On request
Seat	Hydraulic	228 PSIG	Max. 80°C	High Temp. On request

DIMENSIONS :

SIZE		A	B	ØC	ØD	H	L	H1	K	Approx Weight
MM	IN.									
40	1.1/2"	33	60	38	80	105	122	80	65	2.200
50	2"	43	60	48	90	115	147	92	61.5	3.000
65	2.1/2"	46	65	63	105	120	168	108	63	3.600
80	3"	46	75	76	122	130	168	108	63	4.200
100	4"	52	92	100	147	150	184	119.5	95	6.100
125	5"	56	105	125	175	155	204	128.7	108	8.200
150	6"	56	120	150	200	175	204	128.7	108	10.850
200	8"	60	150	201	255	205	262	136.5	108.5	16.600
250	10"	68	190	240	320	255	268	153	121.5	32.450
300	12"	78	225	290	375	285	301	185	142	35.450
350	14"	90	251	340	422	322	390	202	152	-
400	16"	102	308	388	490	361	458	227	174	-

All Dimensions are in mm

Note: Above dimensions for Double Acting Actuator operated Valves.

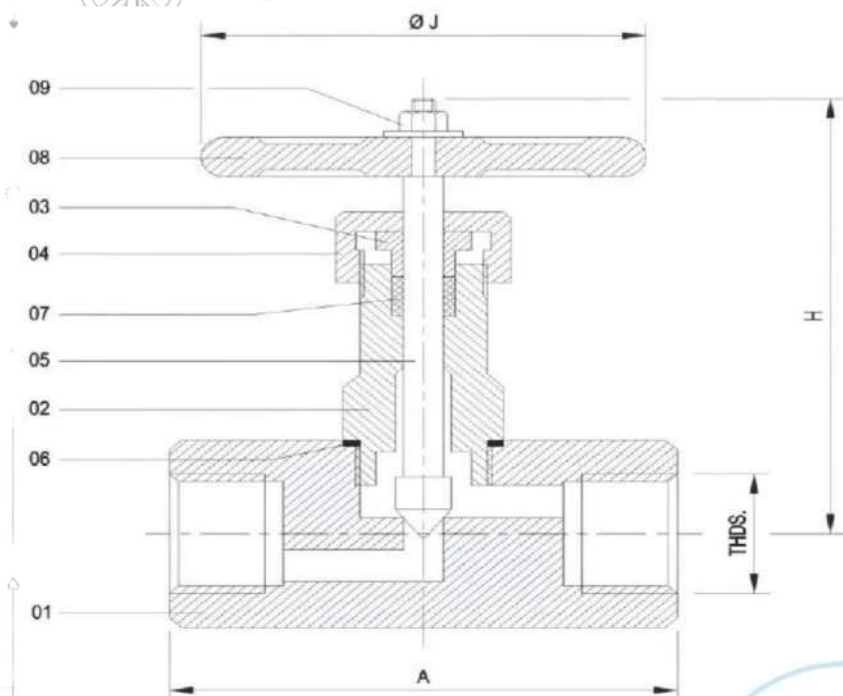


NEEDLE VALVE

Model : SS-NV-MNL



AN ISO 9001 - 2015 CERTIFIED Co.



SUITABLE FOR				
STEAM	WATER	OIL	AIR	GASES
			●	●

NO.	DESCRIPTION	MATERIAL	QTY.
01	BODY	AISI 304 / AISI 316 / M.S.	1
02	BONNET	AISI 304 / AISI 316 / M.S.	1
03	GLAND	AISI 304 / AISI 316	1
04	GLAND NUT	AISI 304 / AISI 316	1
05	STEM	AISI 304 / AISI 316	1
06	BODY GASKET	PTFE	--
07	GLAND PACKING	PTFE	1
08	HAND WHEEL	BACKELITE	1
09	HAND WHEEL NUT	M.S.	1

SIZE	A	THDS.	H	Ø J
1/8"	45	1/8" BSP - BSPT - NPT	75	50
1/4"	50	1/4" BSP - BSPT - NPT	75	50
3/8"	50	3/8" BSP - BSPT - NPT	75	50
1/2"	57	1/2" BSP - BSPT - NPT	75	50
3/4"	65	3/4" BSP - BSPT - NPT	75	65
1"	70	1" BSP - BSPT - NPT	75	65
1.1/2"	102	1.1/2" BSP - BSPT - NPT	140	102
2"	115	2" BSP - BSPT - NPT	140	102

ALL DIMENSION ARE IN MM

Model : SS-DCV

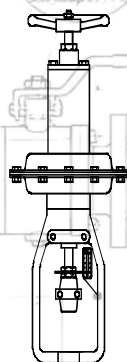
“SSBRIGHT” offers 2 & 3 way control valves with pneumatic diaphragm actuator are specially design for on-off application. It is widely used in control of air, water, oil, gas steam in textile, chemical power generation, paper pulp, petrochemical industries etc.

Valve Specifications

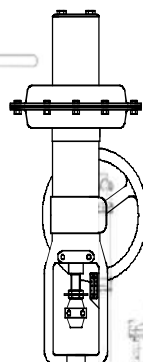
Body Design	Globe
Valve Size	2-Way - 25 to 150 MM (1" to 6") 3-Way - 15 to 100 MM (1/2" to 4")
Rating	ANSI 150#
End Connection	2-Way - Flanged - 25MM to 150MM (1" to 6") 2-Way - Screwed - 25MM to 150MM (1" to 2") 3-Way - Flanged - 15MM to 100MM (1/2" to 4") 3-Way - Screwed - 15MM to 50MM (1/2" to 2")
Body Materials	Carbon Steel, Stainless Steel, etc.
Bonnet	Standard upto 225°C / Finned from 225° to 400°
Gland Packing	PTFE V Rings / Grafoil
Trim Design	Top Guided
Trim Materials	SS 304 & SS 316
Characteristics	Equal, Linear & On/Off
Seat Leakage	As Per FCI-70-2 (ANSI B 16.104) / Class IV, V and VI (STANDARD LEAKAGE RATES) Metal to Soft Seating - Bubble tight (Zero Leakage)

Actuator Specifications

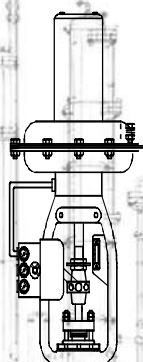
Actuator Type	Diaphragm
Actuator Action	Direct / Reverse Acting 2-Way - Direct Acting - Normally Open (Air to Close) 2-Way - Reverse Acting Normally Close (Air to Open) 3-Way - Direct Acting Air Failure "Open" Bottom Port 3-Way - Reverse Acting Air Failure "Open" Top Port
Diaphragm	Nitrile / EPDM / Neoprene / Viton ETC
Spring Ranges	18-30 Psig (1.2-2.0 kg/Cm ²)
Air Supply	35 Psig (2.5 kg/Cm ²)
Air Connection	1/4" NPT
Accessories	Valve Positioner - Pneumatic, E/P & Smart Solution Valve, Air Filter Pressure Regulator
Optional	Limit Switch



TOP MOUNTED
HANDWHEEL



SIDE MOUNTED
HANDWHEEL



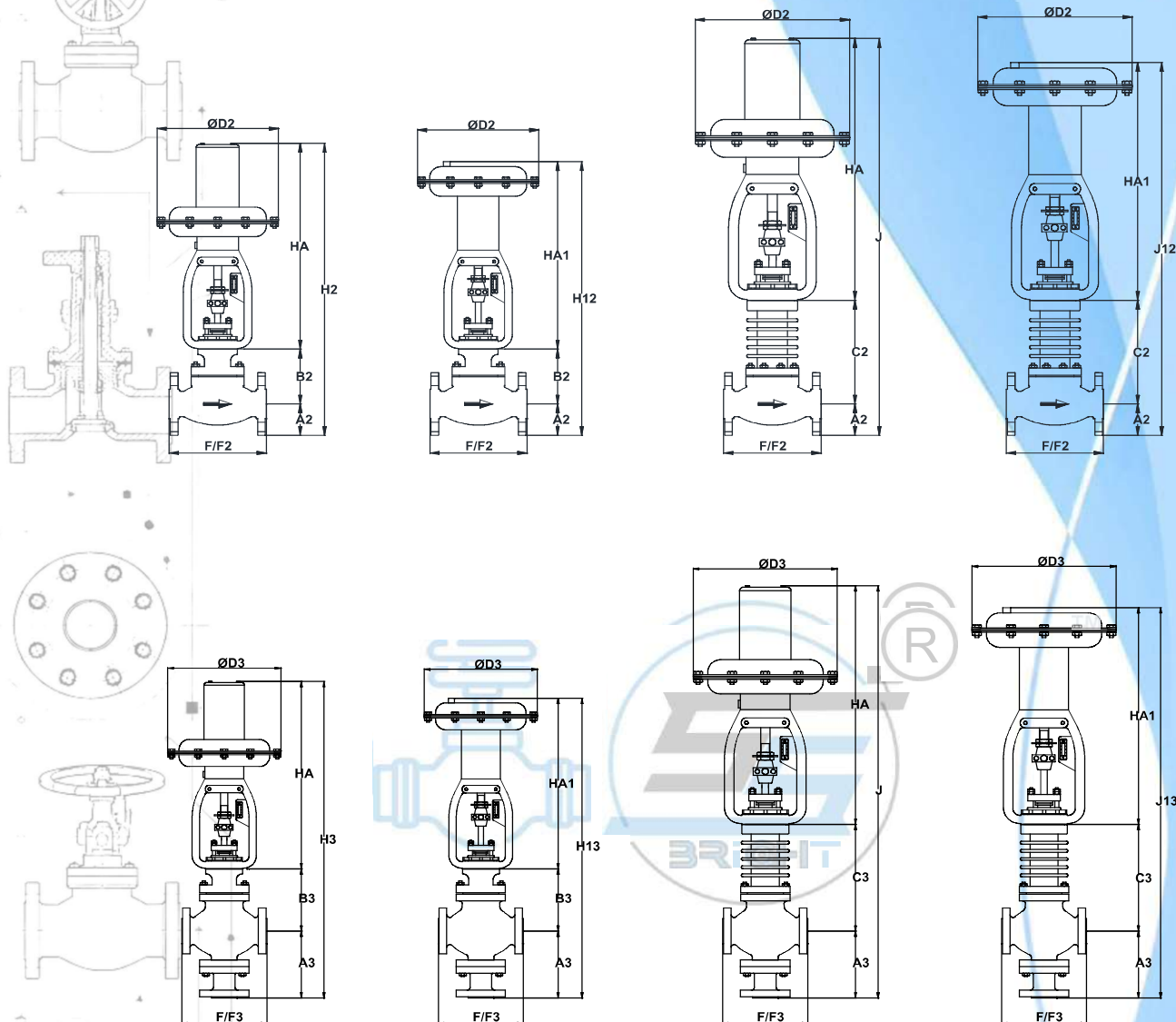
VALVE POSITIONER
MOUNTED



Model : SS-DCV



AN ISO 9001 - 2015 CERTIFIED Co.



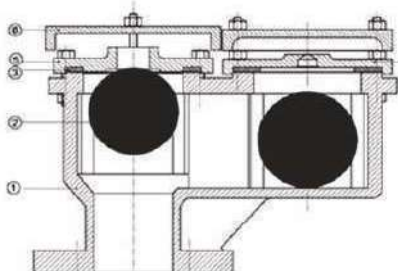
DIMENSIONS :

VALVE SIZE	ACTUATOR MODEL		F/F2	F/F3	A2	A3	B2	B3	C2	C3	ØD2	ØD3	HA	HA1	H2	H3	J2	J3	H12	H13	J12	J13
	DVD	DVO																				
15	030	030	—	160	—	54	—	95	—	140	—	220	424	407	—	573	—	618	—	556	—	601
20	030	030	—	160	—	54	—	95	—	140	—	220	424	407	—	573	—	618	—	556	—	601
25	030	030	184	160	54	54	65	95	140	140	220	220	424	407	543	573	618	618	526	556	601	601
40	030	030	223	200	64	64	70	100	145	145	220	220	424	407	558	588	633	633	541	571	616	616
50	030	030	254	230	76	76	81	111	156	156	220	220	424	407	582	611	657	656	565	594	640	639
65	055	055	276	230	89	89	177	140	218	200	288	288	502	484	768	731	809	791	749	713	790	773
80	055	055	299	290	93	95	177	150	218	210	288	288	502	484	772	747	813	801	753	729	794	789
100	095	095	352	310	110	114	206	178	261	237	371	371	521	502	837	813	891	872	818	794	872	853
125	095	095	400	—	125	—	239	—	NA	—	371	—	521	502	885	—	NA	—	886	—	NA	—
150	140	140	451	—	138	—	276	—	NA	—	443	—	661	637	1074	—	NA	—	1051	—	NA	—

All Dimensions are in mm



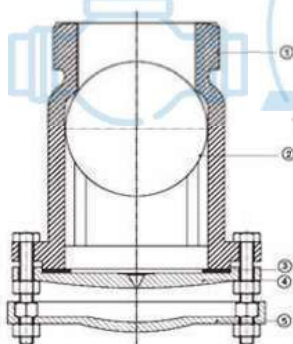
Model : SS-KAV-MNL



HYDROSTATIC TEST PRESSURE

DN (mm)	PN (bar)	Permissible Working Pressure (bar)	Body Test Pressure(bar)
40-200	10	10	16
40-200	16	16	24
40-200	20	20	30

1 bar = 0.1 Mpa = 14.3 Psi = 1.019 kg/cm²



DIMENSIONS IN MM

Size	A(min)	B(min)	C(min)	Suitable For Main
Dn40	260	196	324	UP TO 100
Dn50	280	211	352	125 TO 200
Dn80	305	236	373	225 TO 350
Dn100	360	280	424	400 TO 500
Dn125	487	450	674	600 TO 900
Dn150	487	450	674	600 TO 900
Dn200	700	506	739	1000 TO 1200

HYDROSTATIC TEST PRESSURE

DN (mm)	PN (bar)	Permissible Working Pressure (bar)	Body Test Pressure(bar)
40-200	10	10	16
40-200	16	16	24
40-200	20	20	30

1 bar = 0.1 Mpa = 14.3 Psi = 1.019 kg/cm²

DIMENSIONS IN MM

Size	B(min)	C SQ. (min)	Suitable For Main
Dn15	196	118	UP TO 100
Dn25	255	158	UP TO 100
Dn40	290	158	UP TO 100

MATERIALS

S. No.	Parts	Material
01	Body	C.I / D.I
02	Float	Timber core with Rubber coating
03	Seal	Nitrile/EPDM
04	Cover	C.I/D.I
05	Cowl	C.I/D.I
06	Bolts & Nuts	C.S



MATERIALS

S. No.	Parts	Material
01	Body	C.I / D.I
02	Seat	Brass
03	Disc	Brass
04	Check Nut	Brass
05	Stem	S.S-304
06	Float	Timber core with Rubber coating
07	Seal	Nitrile/EPDM
08	Cover (Small orifice)	C.I / D.I
09	Cowl	C.I / D.I
10	Cover (Large orifice)	C.I / D.I
11	Gland Flange	Graphited Asbestos
12	Stem Guide Cover	C.I / D.I
13	Gland Flange	C.I / D.I
14	Cap	C.I / D.I
15	Bolts & Nuts	C.S

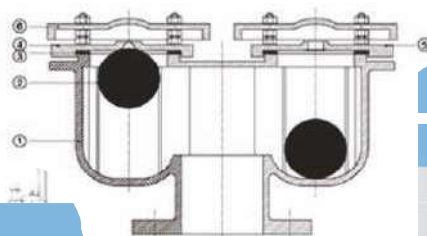
HYDROSTATIC TEST PRESSURE

DN (mm)	PN (bar)	Permissible Working Pressure (bar)	Body Test Pressure(bar)
40-200	10	10	16
40-200	16	16	24
40-200	20	20	30

1 bar = 0.1 Mpa = 14.3 Psi = 1.019 kg/cm²

DIMENSIONS IN MM

Size	A(min)	B(min)	C(min)	Suitable For Main
Dn50	442	210	224	UP TO 100
Dn65	442	210	264	125 TO 100
Dn80	504	236	287	225 TO 200
Dn100	504	236	287	225 TO 350
Dn125	634	280	356	400 TO 500
Dn150	862	430	476	600 TO 1900
Dn200	988	506	580	1000 TO 1200



MATERIALS

S. No.	Parts	Material
01	Body	C.I / D.I
02	Float	Timber core with Rubber coating
03	Seal	Nitrile/EPDM
04	Cover (Small orifice)	C.I/D.I
05	Cover (Small orifice)	C.I/D.I
06	Cowl	C.I/D.I
07	Bolts & Nuts	C.S

HYDROSTATIC TEST PRESSURE

DN (mm)	PN (bar)	Permissible Working Pressure (bar)	Body Test Pressure(bar)
40-200	10	10	16
40-200	16	16	24
40-200	20	20	30

1 bar = 0.1 Mpa = 14.3 Psi = 1.019 kg/cm²

DIMENSIONS IN MM

Size	A(min)	B(min)	C(min)	Suitable For Main
Dn50	442	210	224	UP TO 100
Dn65	442	210	264	125 TO 100
Dn80	504	236	287	225 TO 200
Dn100	504	236	287	225 TO 350
Dn125	634	280	356	400 TO 500
Dn150	862	430	476	600 TO 1900
Dn200	988	506	580	1000 TO 1200



Model : SS-BFST-MNL

Body Material Cum Standard

Cast Iron (86 to 93 Gr. A)

Product Description

Horizontal Type

Trim

Stainless Steel (AISI 304)

End Details

Screwed Female BSP Parallel Threads (BS-21)

Test Pressure

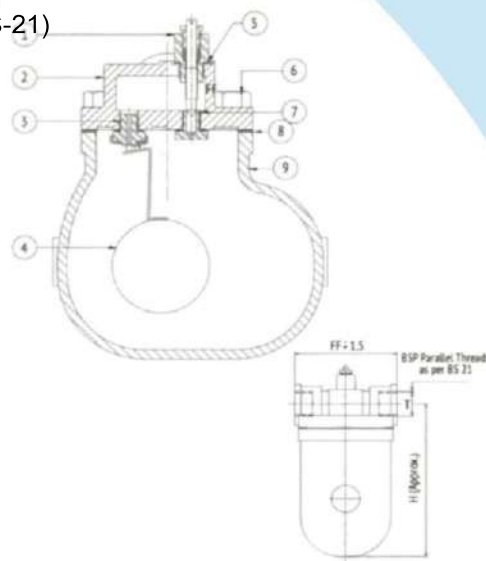
Body: 300 psig (Hyd.)

Max. Working Pressure

150 Psig (Steam)

Max. Working Temperature

220°C



DIMENSIONS IN MM

SIZE	FF	H	T
15	131	157	1/2"
20	131	162	3/3"
25	133	200	1"
40	272	250	1.1/2"
50	301	272	2"

MATERIALS

S. No.	Description	No.	Material	Specifications
01	SLR Assembly	1	Stainless Steel	AISI 304
02	Cover	1	Cast Iron	86 to 93 GrA
03	Seat Assembly	1	Stainless Steel	AISI 304
04	Ball Float	1	Stainless Steel	AISI 304
05	Washer	1	Copper	-
06	Bolts & Nuts	4 Eacg	Carbon Steel	-
07	Nipple	1	Stainless Steel	AISI 410
08	Gasket	1	C.A.F.	-
09	Body	1	Cast Iron	86 to 93 GrA

SUITABLE FOR

STEAM	WATER	OIL	AIR	GASES
●				



Model : SS-PV-MNL

Product Standard

Testing Standard

Pressure/Class Rating

Body Material Cum Standard

Product Description

Type of Seat

Type of Disc

Trim

End Details

Test Pressure

Max. Working Temperature

Application Medium

BS EN-13709

BS EN 12266-Part 1

PN-40

Cast Carbon Steel (ASTM A216 Gr. WCB)

Bolted Bonnet, Rising Stem, Handwheel Operated

Renewable Seat

Renewable Piston

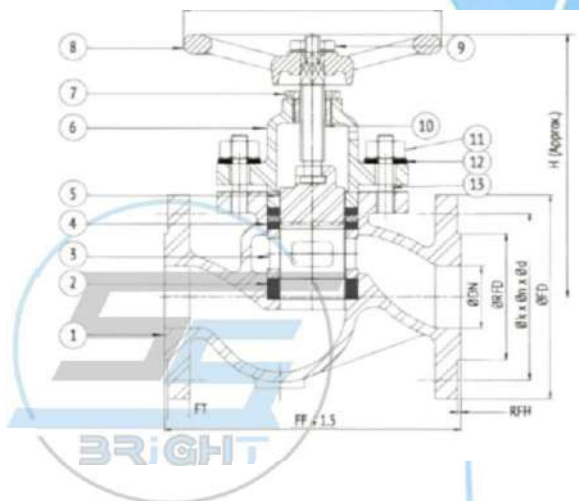
Valve Rings: SSBRIGHT Standard, Spacer & Piston: 13% Cr. (SS 410)

Flanged Ends as per BS EN 1092-1 PN-40 Raised Face (Drilled)

Body: 60 Bar (Hyd.), Seat: 44 Bar (Hyd.)

400°C

Super Heated Steam, Condensate, Thermic Fluids, Hydro Carbons, Chemicals



MATERIALS

S. No.	Description	No.	Materials	Specifications
01	Body	1	Cast Steel	ASTM A216 Gr. WCB
02	Lower Valve Ring	1	SSBRIGHT Standard	S.S. Re-inforced Graphite
03	Spacer	1	Stainless Steel	ASTM A217 Gr. CA 15
04	Upper Valve Ring	1	SSBRIGHT Standard	S.S. Re-inforced Graphite
05	Piston	1	Stainless Steel	ASTM A 276 TP 410
06	Bonnet	1	Cast Steel	ASTM A216 Gr. WCB
07	Stem Nut	1	Aluminium Bronze	BS 1982 Gr. CC 3316
08	Handwheel	1	Cast Iron ? Mild Iron	GG 20/FG 200/MI
09	Handwheel Nut	1	Carbon Steel	-
10	Stem	1	Stainless Steel	ASTM A276 TP 410
11	Nut	4	Carbon Steel	ASTM A 194 Gr. 2H
12	Belleville Washers	4	Carbon Steel	-
13	Stud & Nut	4	Alloy Steel & H.T. Steel	ASTM A193 Gr. B7/ASTM A 194 Gr.2H

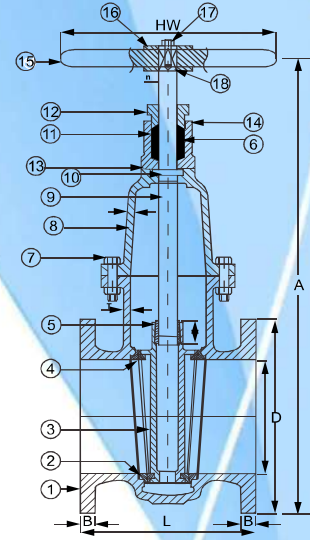
DIMENSIONS IN MM

ØDN	FF	H	ØHW	ØFD	FT	RFD	RFH	ØK	n	ød
25	160	154	140	115	16	68	2	85	4	14
40	200	185	200	150	15	88	3	110	4	18
50	230	210	200	165	17	102	3	125	4	18
65	290	320	250	185	19	122	3	145	8	18
80	310	330	250	200	21	138	3	160	8	18
100	350	390	280	235	21	162	3	190	8	22

To address high torque, balanced piston arrangement in size 65mm and above



AN ISO 9001 - 2015 CERTIFIED Co.



HYDROSTATIC TEST PRESSURE

Availability	Size Range	Manufacturing and Pressure Rating	Hydrostatic Test Pressure	
			Body	Seat
Standard Supply	50 to 700 mm	IS:14846 PN 1.0	15 Kg./cm ²	10 Kg./cm ²
	50 to 300 mm	IS:14846 PN 1.6	24 Kg./cm ²	16 Kg./cm ²

MATERIALS

S. No.	Parts	Material	Specification
01	Body	Cast Iron	IS:210 Gr.FG 200
02	Body Seat Ring	Leaded Tin Bronze	IS:318 LTB2
03	Wedge	Cast Iron	IS:210 Gr.FG 200
04	Wedge Ring	Leaded Tin Bronze	IS:318 LTB2
05	Wedge Nut	Leaded Tin Bronze	IS:318 LTB2
06	Gasket	Rubber	IS:638 Type-B
07	Bolts & Nuts	Carbon Steel	IS:1363
08	Bonnet	Cast Iron	IS:210 Gr.FG 200
09	Stem	Stainless Steel	IS:6603 12Cr12
10	Bolts & Nuts	Carbon Steel	IS:1363
11	Gasket	Rubber	IS:638 Type-B
12	Stuffing Box	Cast Iron	IS:210 Gr.FG 200
13	Packing	Asbestos	IS:4687
14	Gland	Cast Iron	IS:210 Gr.FG 200
15	Hand Wheel	Cast Iron	IS:210 Gr.FG 200
16	Washer	Mild Steel	
17	Bolts	Carbon Steel	IS:1363
18	Bolts & Nuts	Carbon Steel	IS:1363

DESCRIPTION

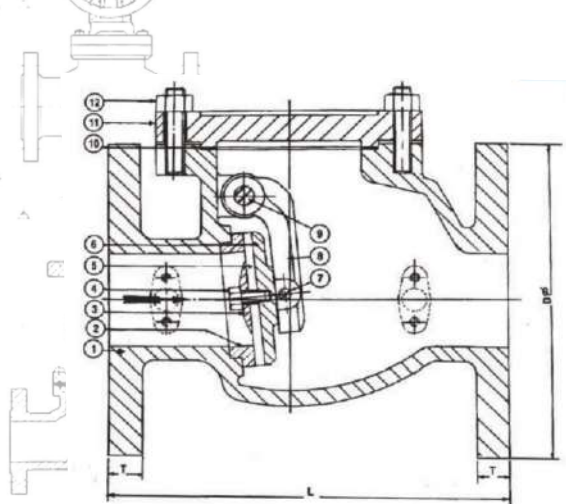
Cast Iron Double Flanged Sluice Valve as per IS 14846 : 2000 with G.M. Internals and IS 6603 12CR13 S.S. Spindle drilled as per IS:1538 with body preferred dimensions (PD) type. These valves can be supplied with S.S. Working Parts.

DIMENSIONS IN MM

DN Size	L	B	D	A	H/w PN1.0	Dia. PN1.6
50	178	16	165	365	225	280
65	190	16	185	380	225	280
80	203	21	200	425	225	280
100	229	22	220	470	320	360
125	254	22.5	250	485	320	360
150	267	23	285	595	320	360
200	292	24.5	340	725	360	450
250	330	26	395	835	400	640
300	356	27.5	445	910	400	640
350	381	29	505	1020	500	640
400	406	30	565	1110	640	730
450	432	31.5	615	1200	720	800
500	457	33	670	1300	720	800
600	508	36	780	1500	720	800
700	On Request	On Request	On Request	On Request	On Request	On Request

TOLERANCES AS PER IS 14846:2000





HYDROSTATIC TEST PRESSURE

Availability	Size Range	Manufacturing and Pressure Rating	Hydrostatic Test Pressure	
			Body	Seat
Standard Supply	50 to 125 mm	IS:5312(Part-I):2004	24 Kg./cm ²	16 kg./cm ²
	150 to 600 mm	IS:5312(Part-I):2004	15 Kg./cm ²	10 Kg./cm ²

MATERIALS

S. No.	Parts	Material
01	Body	C.I / D.I
02	Body Seat Ring	BRONZE / GUN METAL
03	Door Face Disc	IS:210,Gr. FG200
04	Door Bolt	CARBON STEEL
05	Door Packing	RUBBER
06	Door	C.I / D.I
07	Door Suspension Pin	STAINLESS STEEL
08	Hinge	IS:210,Gr. FG200
09	Hinge Pin	STAINLESS STEEL
10	Gasket	RUBBER
11	Cover	C.I
12	Stud & Nut	CARBON STEEL
13	Plug Hinge Pin	BRONZE / GUN METAL

Size Range:50MM To 600MM

DIMENSIONS IN MM

Size	Length	Alternate	D	PCD
Dn50	203	200	165	125
Dn65	216	240	185	145
Dn80	241	260	200	160
Dn100	292	300	220	180
Dn125	330	350	250	210
Dn150	356	400	285	240
Dn200	495	500	340	295
Dn250	622	600	395	350
Dn300	698	700	445	400
Dn350	787	800	505	460
Dn400	914	900	565	515



Model : SS-SV-MNL

Type of Pattern

Body Material Cum Standard

Product Description

Type of Seat

Type of Disc

Trim

End Details

Test Pressure

Max. Working Pressure

Max. Working Temperature

Max. Set Pressure

Right Angle Pattern

Cast Carbon Steel (ASTM A216 Gr. WCB)

Spring Loaded, Full Lift

Renewable Seat

Renewable Disc

13% Cr. (SS 410) + Stellite Facing

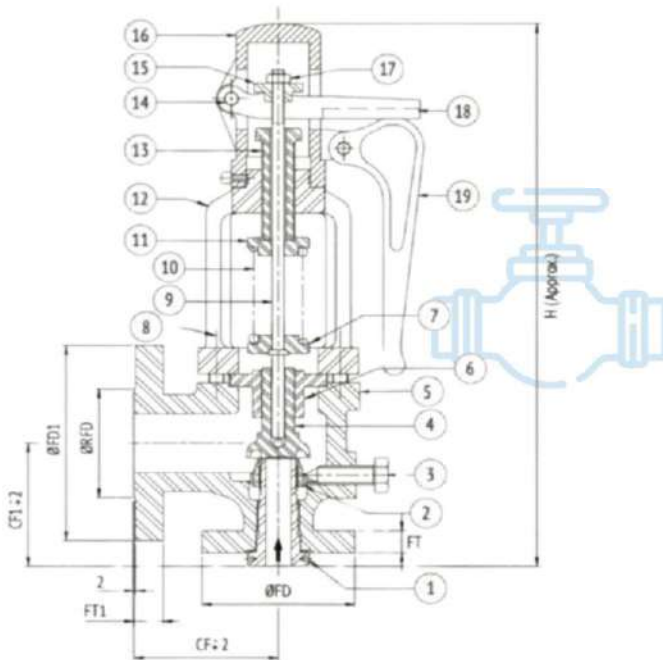
Inlet Flanged Ends as per ASME B16.5 Class-300, Outlet Flanged Ends as per ASME B16.5 Class-300

Body: 700 Psig (Hyd.)

350 Psig (Steam)

400°C

350 Psig (Steam)



MATERIALS

S. No.	Description	No.	Materials	Specifications
1,4	Nozzle, Disc	1	S.S./C.C.S.	ASTMA 276 Type 410/ASTMA 217 Gr. CA15 + Stellite
02	Regulating Ring	1	Bronze	-
03	Screw	1	Carbon Steel	-
5	Body	1	C.C.S.	ASTM A216 Gr. WCB
6	Disc Guide	1	S.S./C.C.S.	ASTMA 276 Type 410/ASTMA 217 Gr. CA15
7,11	Lower/ Upper Spring Disc	1	Carbon Steel	-
8	Studs & Nuts	1	Carbon Steel	-
9	Steam	1	Stainless Steel	ASTMA 276 Type 410
10,13	Spring, Adjusting Screw/Nut	1	Carbon Steel/S.S.	-
12	Yoke	1	C.C.S.	ASTM A216 Gr. WCB
14	Pin	1	Steel	-
15	Locking Nut	1	Steel	-
16	Cap	1	C.C.S.	ASTM A216 Gr. WCB
17	Nut	1	Carbon Steel	-
18	Fulcrum	1	SG Iron	-
19	Lever	4	SG Iron	-

Size & Dimensions

Size(mm)	CF	CF1	ØFD	ØFD1	ØRFD	FT	Ft1	H
25 x 50	108	83	125	165	92.1	17.9	22.7	482
40 x 80	127	120	155	210	127	21.1	29	560
50 x 100	150	157	165	255	157.2	22.7	32.2	

SUITABLE FOR

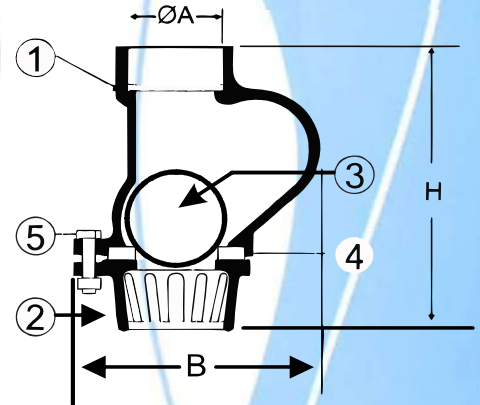
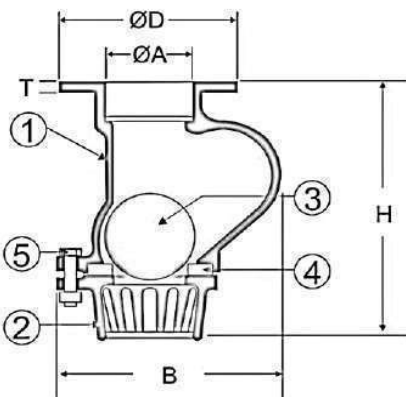
STEAM	WATER	OIL	AIR	GASES
●				



Model : SS-FV-MNL

Features of the Ball Type Foot Valve

- Ball type design gives 100% leak proof sealing.
- Lower Head Loss / Pressure drop across the valve.
- Full bore, undisturbed flow, no obstruction to liquid flow.
- Reduce frictional losses.
- No mechanism involved. Virtually maintenance free.
- Non-clogging & self cleaning mechanism due to circular shape of ball.
- Energy saving as above
- Consistent performance and longer life.



MATERIALS

Part	Description	Materials
1.	Body	Cast Iron - IS210, FG260/ GG25
2.	Strainer	Cast Iron - IS210, FG260/ GG25
3.	Ball	Nitrile Rubber Coated
4.	Seat Ring	50-65 NB: Nitrile Rubber 80-200 NB: Ss304
5.	Fastener	SS202/Carbon Steel Cl4

Pressure rating

Size	Rating (Mpa)	Rating (kg/cm ²)/(Bar)
50 - 200NB	PN 0.6	PN 6

(For CI Construction)

Dimensions (ØA = Valve size in mm NB)

ØA	50	65	80	100	125	150	200
ØD	165	185	200	220	250	285	340
H	185	235	275	312	370	440	540
B	170	205	235	275	335	400	495
T	15	16	18	18	18	18	22
*W	167	186	208	222	255	295	378
App. Wt (kg)	5	8	11	16	24	41	82





CARBON STEEL (MS) TABLE "H" / ND-40 SLIP-ON / BLIND

MOC
MFG STD

PRESS-TEMP RATING
SIZE RANGE

IS 2002 - PLATE
BS 10 TABLE "H"
DIN 2545
BS 10/DIN 2401 (PART I)
15 MM TO 2000 MM



CARBON STEEL (MS) 150 CLASS / 300 CLASS SLIP-ON / BLIND

MOC
MFG STD
PRESS-TEMP RATING
SIZE RANGE

IS 2002 - PLATE
ANSI B 16.5 (150#) & ANSI B 16.5 (300#)
ANSI B 16.5 / BS 1560
15 MM TO 2000 MM



CARBON STEEL (MS) TABLE "K" & "J" SLIP-ON/BLIND

MOC
MFG STD
PRESS-TEMP RATING
SIZE RANGE

IS 2002 - PLATE
BS 10 TABLE "K" / "J"
BS 10
15 MM TO 2000 MM



FORGED CARBON STEEL ASA 150 CLASS SORF / BLIND / WNRF

MOC
MFG STD
PRESS-TEMP RATING
SIZE RANGE

ASTM A 105
ANSI B 16.5 (150#)
ANSI B 16.5 / BS 1560
15 MM to 300 MM
ABOVE 350MM ON REQUEST



FORGED CARBON STEEL ASA 300 CLASS SORF / BLIND / WNRF

MOC
MFG STD
PRESS-TEMP RATING
SIZE RANGE

ASTM A 105
ANSI B 16.5 (300#)
ANSI B 16.5 / BS 1560
15 MM TO 300 MM
ABOVE 300 MM ON REQUEST

CARBON STEEL (MS) SEAMLESS EXPANSION BEND / LOOP (SCH-40)

MOC
ENDS

SIZE RANGE

FABRICATED CS - SA 106 Gr B
 FLANGED TO BS 10 TABLE "H"
 FLANGED TO ANSI B 16.5 (150#)
25 MM TO 200 MM



CARBON STEEL (MS) SEAMLESS BEND - LONG RADIUS - 90°

MOC
ENDS

SIZE RANGE

FABRICATED CS - SA 106 Gr B
 BUTT - WELDABLE
15 MM TO 300 MM



CARBON STEEL (MS) ELBOW - LONG RADIUS - 90°

MOC
ENDS

SIZE RANGE

FABRICATED CS - SA 106 Gr B
 BUTT - WELDABLE
15 MM TO 300 MM
 SIZE 350MM TO ABOVE ON REQUEST



CARBON STEEL (MS) CONCENTRIC REDUCER (SCH-40)

MOC
ENDS

SIZE RANGE

CARBON STEEL (M.S.)
 BUTT-WELDABLE
20 MM X 15 MM TO 200 MM X 150 MM



S.S. 90° Elbow

Threading	BSP / NPT
Grade	Cf8 (SS 304) / CF8M (SS 316)
Tolerance	+1.5mm
Pressure Rating	PN-25 (Hyd. 30kg)
Max. Working Pressure	356 Psig
Application	Medium Food Processing



S.S. Tee

Threading	BSP / NPT
Grade	Cf8 (SS 304) / CF8M (SS 316)
Tolerance	+1.5mm
Pressure Rating	PN-25 (Hyd. 30kg)
Max. Working Pressure	356 Psig
Application	Medium Food Processing



S.S. Street Elbow

Threading	BSP / NPT
Grade	Cf8 (SS 304) / CF8M (SS 316)
Tolerance	+1.5mm
Pressure Rating	PN-25 (Hyd. 30kg)
Max. Working Pressure	356 Psig
Application	Medium Food Processing



S.S. Cross

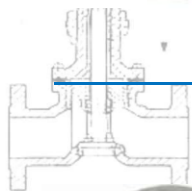
Threading	BSP / NPT
Grade	Cf8 (SS 304) / CF8M (SS 316)
Tolerance	+1.5mm
Pressure Rating	PN-25 (Hyd. 30kg)
Max. Working Pressure	356 Psig
Application	Medium Food Processing





S.S. Union

Threading	BSP / NPT
Grade	Cf8 (SS 304) / CF8M (SS 316)
Tolerance	+1.5mm
Pressure Rating	PN-25 (Hyd. 30kg)
Max. Working Pressure	356 Psig
Application Medium	Food Processing



S.S. Round Cap

Threading	BSP / NPT
Grade	Cf8 (SS 304) / CF8M (SS 316)
Tolerance	+1.5mm
Pressure Rating	PN-25 (Hyd. 30kg)
Max. Working Pressure	356 Psig
Application Medium	Food Processing



S.S. Square Plug / Dummy

Threading	BSP / NPT
Grade	Cf8 (SS 304) / CF8M (SS 316)
Tolerance	+1.5mm
Pressure Rating	PN-25 (Hyd. 30kg)
Max. Working Pressure	356 Psig
Application Medium	Food Processing



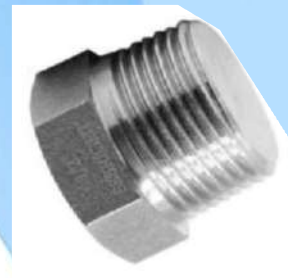
S.S. Hex Nut

Threading	BSP / NPT
Grade	Cf8 (SS 304) / CF8M (SS 316)
Tolerance	+1.5mm
Pressure Rating	PN-25 (Hyd. 30kg)
Max. Working Pressure	356 Psig
Application Medium	Food Processing



S.S. Reducing Hex Bushing

Threading	BSP / NPT
Grade	Cf8 (SS 304) / CF8M (SS 316)
Tolerance	+1.5mm
Pressure Rating	PN-25 (Hyd. 30kg)
Max. Working Pressure	356 Psig
Application Medium	Food Processing



S.S. Reducing Socket

Threading	BSP / NPT
Grade	Cf8 (SS 304) / CF8M (SS 316)
Tolerance	+1.5mm
Pressure Rating	PN-25 (Hyd. 30kg)
Max. Working Pressure	356 Psig
Application Medium	Food Processing



S.S. Hex Nipple

Threading	BSP / NPT
Grade	Cf8 (SS 304) / CF8M (SS 316)
Tolerance	+1.5mm
Pressure Rating	PN-25 (Hyd. 30kg)
Max. Working Pressure	356 Psig
Application Medium	Food Processing



S.S. Socket

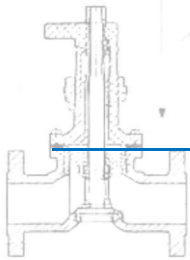
Threading	BSP / NPT
Grade	Cf8 (SS 304) / CF8M (SS 316)
Tolerance	+1.5mm
Pressure Rating	PN-25 (Hyd. 30kg)
Max. Working Pressure	356 Psig
Application Medium	Food Processing





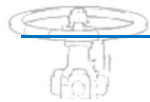
S.S. Reducing Hex Nipple

Threading	BSP / NPT
Grade	Cf8 (SS 304) / CF8M (SS 316)
Tolerance	+1.5mm
Pressure Rating	PN-25 (Hyd. 30kg)
Max. Working Pressure	356 Psig
Application Medium	Food Processing



S.S. Hose Nipple

Threading	BSP / NPT
Grade	Cf8 (SS 304) / CF8M (SS 316)
Tolerance	+1.5mm
Pressure Rating	PN-25 (Hyd. 30kg)
Max. Working Pressure	356 Psig
Application Medium	Food Processing



S.S. Elbow Union

Threading	BSP / NPT
Grade	Cf8 (SS 304) / CF8M (SS 316)
Tolerance	+1.5mm
Pressure Rating	PN-25 (Hyd. 30kg)
Max. Working Pressure	356 Psig
Application Medium	Food Processing



S.S. Elbow 45°

Threading	BSP / NPT
Grade	Cf8 (SS 304) / CF8M (SS 316)
Tolerance	+1.5mm
Pressure Rating	PN-25 (Hyd. 30kg)
Max. Working Pressure	356 Psig
Application Medium	Food Processing



S.S. Hex Head Plug

Threading	BSP / NPT
Grade	Cf8 (SS 304) / CF8M (SS 316)
Tolerance	+1.5mm
Pressure Rating	PN-25 (Hyd. 30kg)
Max. Working Pressure	356 Psig
Application Medium	Food Processing



CHAIN WHEELS GEAR OPERATORS

PNEUMATIC ACTUATORS



ELECTRIC ACTUATORS

POSITION INDICATORS



LOCKING DEVICES LIMIT SWITCH







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All Types Industrial Valves Manufacturers & Suppliers



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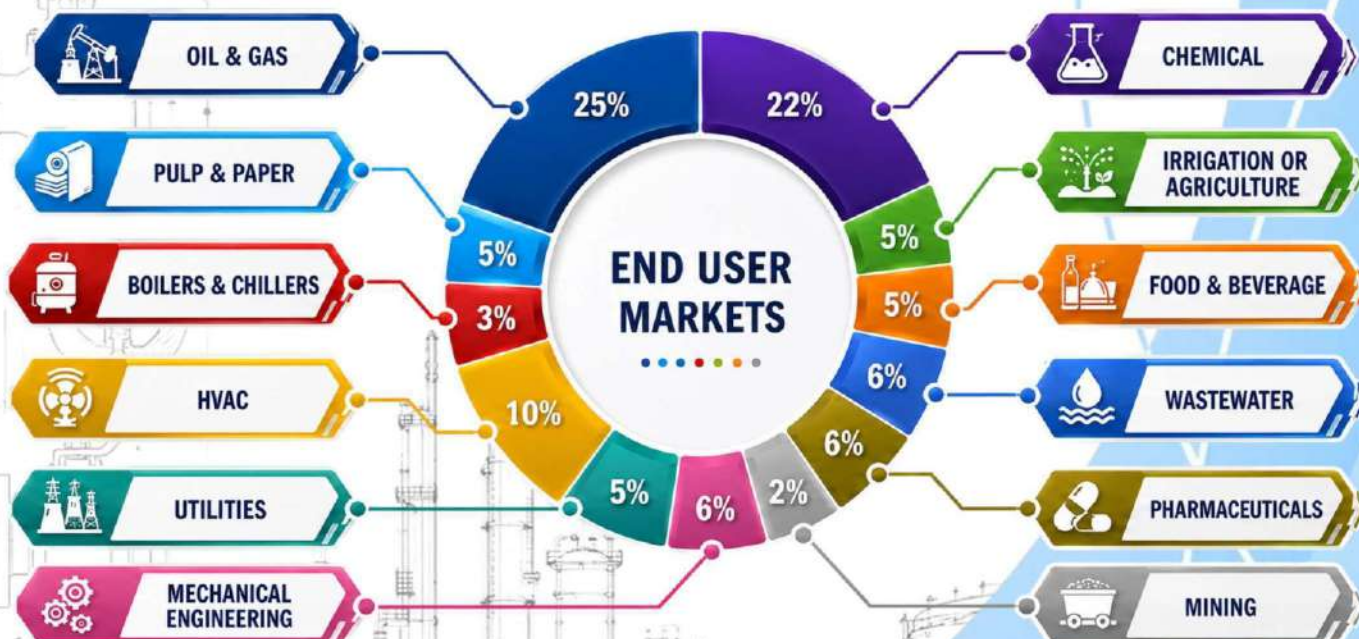
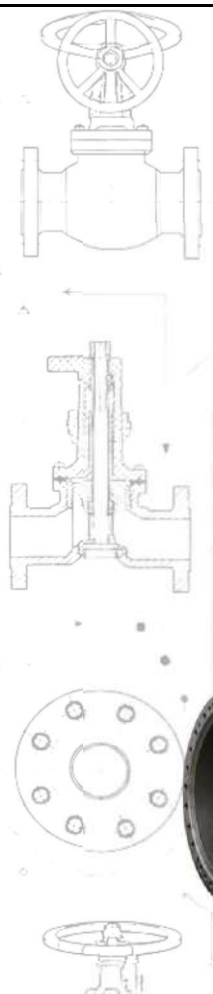
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