

Product Features

- Built-in deflector, making the fluid more stable
- Start-up strainer screen protection design, preventing foreign bodies from entering the pump
- Diffusers with the same or different diameters at inlet and outlet readily available.
- Integrate strainer, elbow and the suction stabilizer, save space and cost
- Strainer screen with 63% opening ratio provides larger flow area than the traditional strainer

Material Specifications

Body/Bonnet: Ductile Iron

Start-Up Protection Strainer Screen: Stainless Steel (20-mesh)

O-Ring: EPDM

Working Pressure Range

175PSI/235PSI/350PSI

10Bar/16Bar/25Bar

Flange Standards

ANSI / BSEN / DIN

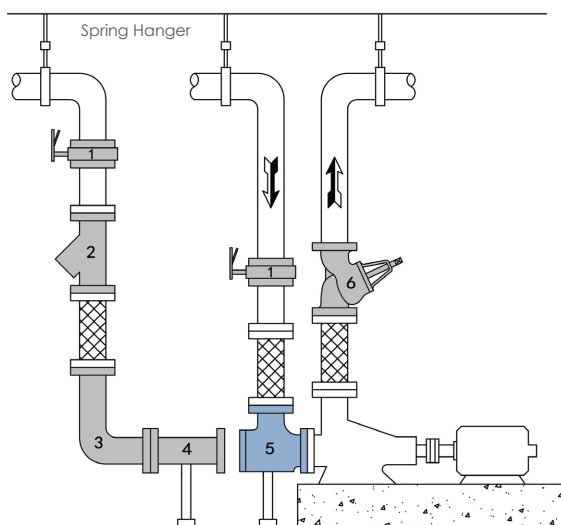
Temperature/Medium

0°C~100°C normal temperature water

(For any special applications and requirements, please clearly specify them before ordering)

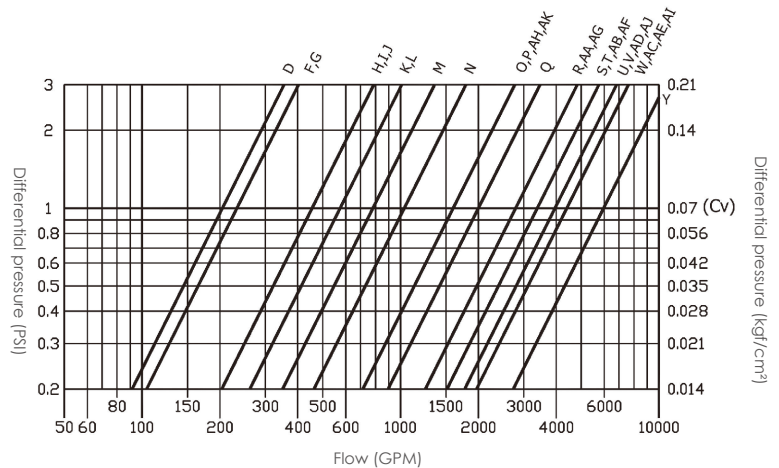


SD230



1. Butterfly Valve
2. Y-Type Strainer
3. Bend
4. Suction Stabilizer
5. Diffuser
6. Multi-Function Valve

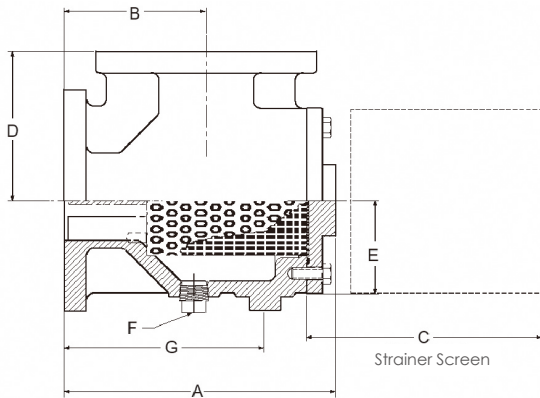
Diffuser Pressure Drop Curve



Specification Example

The contractor should install the diffuser at the designated position. 14" * 12" diffuser should be made of ductile iron with a deflector. The strainer should be made of stainless steel with a 20-mesh stainless steel start-up protection strainer screen. There should be a platform on the valve body for welding support.

>> Overall Dimensions



* Notes

1. All dimensions are in mm, and area of passage is in cm².
2. All dimensions, areas and weights in the table are approximate.
3. Once system test run is done, remove the start-up protection strainer screen.
4. The start-up protection strainer screen is a 20-mesh screen.
5. When the pressure differential between the inlet and outlet of the diffuser exceeds 0.3 kgf/cm², remove the waste in the diffuser.
6. In case of special requirements, please contact the factory for more details.

Code	Size (In)	Inlet (mm)	Outlet (mm)	Strainer Screen		Dimensions (mm)							Weight	
				Total Punching Area	Punching Dia	A	B	C	D	E	F	G	Lbs	kg
C	2x2	50	50	96	2	205	120	127	108	60	15	155	22	10
D	2.5x2.5	65	65	240	3.97	220	125	138	115	80	15	165	37	17
F	3x3	80	80	330	3.97	255	135	162	130	90	25	185	55	25
G	4x3	100	80	330	3.97	255	135	162	130	90	25	185	55	25
H	4x4	100	100	500	3.97	330	185	202	145	105	25	240	71	32
I	5x4	125	100	500	3.97	330	185	202	145	105	25	240	77	35
K	5x5	125	125	800	3.97	410	230	265	180	120	25	300	88	40
J	6x4	150	100	500	3.97	330	185	202	145	105	25	240	82	37
L	6x5	150	125	800	3.97	400	230	265	180	120	25	300	106	48
M	6x6	150	150	930	3.97	400	220	257	209	140	25	275	128	58
N	8x6	200	150	930	3.97	400	220	257	205	140	25	275	132	60
O	8x8	200	200	1600	3.97	501	280	350	240	170	25	370	203	92
AK	10X6	250	150	1600	3.97	501	280	350	240	170	25	370	187	85
P	10x8	250	200	1600	3.97	501	280	350	240	170	25	370	209	95
Q	10x10	250	250	2500	3.97	615	325	465	280	190	25	425	282	128
AH	12X8	300	200	2500	3.97	625	325	465	280	190	25	425	287	130
R	12x10	300	250	2500	3.97	615	325	465	280	190	25	425	353	160
S	12x12	300	300	3350	3.97	680	380	535	305	240	25	485	472	214
AG	14X10	350	250	3240	3.97	680	380	535	305	240	25	485	498	226
T	14x12	350	300	3350	3.97	682	380	535	305	240	25	485	507	230
U	14x14	350	350	4880	3.97	790	420	625	356	280	25	550	562	255
AA	16x10	400	250	3490	3.97	700	380	543	320	260	25	480	562	255
AB	16x12	400	300	3490	3.97	700	380	543	320	260	25	480	578	262
V	16x14	400	350	4880	3.97	783	420	625	356	280	25	550	584	265
W	16x16	400	400	5290	3.97	790	450	615	400	320	25	550	816	370
AF	18 X12	450	300	3980	3.97	769	430	615	320	240	25	480	617	280
AJ	18X14	450	350	4880	3.97	783	420	625	356	280	25	550	662	300
AC	18X16	450	400	5630	3.97	825	450	656	400	320	25	580	860	390
X	18 x18	450	450	7960	3.97	975	540	805	430	350	25	680	1116	506
AD	20X14	500	350	7000	3.97	1020	600	810	500	360	25	750	1279	580
AE	20X16	500	400	7000	3.97	1020	600	810	500	360	25	750	1286	583
Y	20x20	500	500	9730	3.97	1068	650	855	500	400	25	750	1290	585
AI	22X16	550	400	7260	3.97	1050	600	840	500	360	25	750	1312	595