




**ATTESTATION D'APPROBATION DE SYSTÈME DE QUALITÉ**  
 CERTIFICATE OF QUALITY SYSTEM APPROVAL

**N° CE-0062-PED-H-AVG 001-22-IND**

Bureau Veritas Services SAS, agissant dans le cadre de sa notification (numéro d'organisme notifié 0062), atteste que le système de qualité appliqué par le fabricant pour la conception, la fabrication, l'inspection des produits finis et les essais des équipements sous pression identifiés ci-après, a été examiné selon les prescriptions du module H de l'annexe III de la directive "Équipements sous pression" N° 2014/68/UE et est conforme aux dispositions correspondantes de la directive.

*Bureau Veritas Services SAS, acting within the scope of its notification (notified body number 0062), attests that the quality system operated by the manufacturer for design, manufacture, final product inspection and testing of the pressure equipment identified hereunder has been examined against the provisions of annex III, module H, of the Pressure Equipment Directive 2014/68/EU, and found to satisfy the provisions of the directive which apply to it.*

Fabricant (Nom) / Manufacturer (Name):	Advance Valves Global LLP
Adresse / Address:	142 A&B, Noida Special Economic Zone Phase II, Noida, 201305, Uttar Pradesh, India
Marque commerciale : Trading Name - Mark	
Description des équipements / Equipment description:	Check Valves & Butterfly Valve
Identification des équipements concernés (ou liste au verso ou en annexe le cas échéant) : Identification of equipment concerned (or list on the back or attached where necessary)	Refer Annex
Existence d'une annexe à l'attestation d'approbation de système qualité Existence of an annex to the certificate	Refer Annex

Cette attestation est valable jusqu'au (jj/mm/aaaa) : **30/03/2025**  
*This certificate will expire on (dd/mm/yyyy)*

Le maintien de l'approbation est soumis à la réalisation par l'entité Bureau Veritas locale ayant signé le contrat avec le fabricant des audits, visites, essais et vérifications conformément aux termes de ce contrat.

*The approval is conditional upon the surveillance audits, visits, tests and verifications to be carried out by the local Bureau Veritas entity that entered into a contract with the manufacturer, pursuant to the provisions of such contract.*

Cette attestation est présumée nulle et le fabricant supportera seul les conséquences de son utilisation, si les assurances - données par le fabricant lors de la demande d'intervention - en matière (a) d'application de son système qualité approuvé et (b) d'inspection et d'essais des produits finis se révèlent inexactes et, de manière générale, si le fabricant ne respecte pas l'une ou l'autre des obligations mises à sa charge par la directive n° 2014/68/UE du 15 mai 2014 telle que transposée dans le(s) droit(s) national(aux) applicable(s).

*This certificate shall be deemed to be void and the manufacturer shall alone bear any consequences pursuant to its use, where the manufacturer fails to comply with his undertakings as per the agreement in respect of (a) implementation of the approved quality system and (b) inspection and tests on the final product, and generally where the manufacturer fails in particular to comply with any of his obligations under directive nr 2014/68/EU of 15 may 2014 as transposed in the applicable law(s).*

Date de l'audit initial (ou de renouvellement) (jj/mm/aaaa) / Date of initial or renewal audit (dd/mm/yyyy):	15/03/2022
Auditeur / Auditor:	HIMMAT A VIRKAR (IND-MUM)

Établi à Made at	Le (jj/mm/aaaa) On (dd/mm/yyyy)	Approuvé et Enregistré en Approved and Recorded in	Signé par Signed by	Signature autorisée par Organisme Notifié 0062 Signature Authorized by Notified Body No 0062
Mumbai	31/03/2022	France	KASHYAP GORADIA (IND-MUM)	

Code d'enregistrement / Registration Code : 2022/000905/CE-0062-PED

Le présent document est soumis aux Conditions Générales de Service jointes à la demande d'intervention signée par le demandeur.

*The present document is subject to the terms of General Conditions of Service attached to the agreement signed by the applicant.*

Le présent document ne peut être reproduit que par le fabricant conformément aux termes du contrat signé entre l'entité Bureau Veritas locale et le fabricant.

*The present document shall not be reproduced, except by the manufacturer in compliance with the provisions of the contract entered into between the local Bureau Veritas entity and the manufacturer.*



**BUREAU  
VERITAS**

**N° CE-0062-PED-H-AVG 001-22-IND**

**Liste des équipements concernés**

*List of the concerned equipment*

Refer Annex for List Of Valves.

- 1) Butterfly Double Offset Valves,
- 2) Butterfly Concentric Valves,
- 3) Butterfly Triple Offset Valves,
- 4) Dual Plate Check Valves &
- 5) Axial Flow Check Valves,

Manufacturer's Address details as follows,

- 1) Head Office & Site-1 Address :- Advance Valves Global LLP (Site 1)  
142 A&B, Noida Special Economic Zone Phase II,  
Noida-201305, Uttar Pradesh, India.
- 2) Site-1 Address :-  
M/S. Advance Valves Pvt. Ltd. (Site 2)  
D-6, 7 & 8, Site B, Surajpur Industrial Area,  
Greater Noida –201306, Uttar Pradesh, INDIA.



Bureau Veritas Services SAS is a Notified Body under the number 0062

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**Annexe à l'attestation**  
Annex to the Certificate

Sr.No.	Valve Description	Design Pressure (Ps) Bar(G)	Size (DN) mm	Ps*DN
1	Butterfly Double Offset, 80 mm, #150	20	80	1600
2	Butterfly Double Offset, 80 mm, PN 6	6	80	480
3	Butterfly Double Offset, 80 mm, PN 10	10	80	800
4	Butterfly Double Offset, 80 mm, PN 16	16	80	1280
5	Butterfly Double Offset, 80 mm, PN25	25	80	2000
6	Butterfly Double Offset, 80 mm, PN30	30	80	2400
7	Butterfly Double Offset, 100 mm, PN 6	6	100	600
8	Butterfly Double Offset, 100 mm, PN 10	10	100	1000
9	Butterfly Double Offset, 100 mm, PN 16	16	100	1600
10	Butterfly Double Offset, 100 mm, #150	20	100	2000
11	Butterfly Double Offset, 100 mm, PN25	25	100	2500
12	Butterfly Double Offset, 100 mm, PN30	30	100	3000
13	Butterfly Double Offset, 125 mm, PN 6	6	125	750
14	Butterfly Double Offset, 125 mm, PN 10	10	125	1250
15	Butterfly Double Offset, 125 mm, PN 16	16	125	2000
16	Butterfly Double Offset, 125 mm, #150	20	125	2500
17	Butterfly Double Offset, 125 mm, PN25	25	125	3125
18	Butterfly Double Offset, 125 mm, PN30	30	125	3750
19	Butterfly Double Offset, 150 mm, PN 6	6	150	900
20	Butterfly Double Offset, 150 mm, PN 10	10	150	1500
21	Butterfly Double Offset, 150 mm, PN 16	16	150	2400
22	Butterfly Double Offset, 150 mm, #150	20	150	3000
23	Butterfly Double Offset, 150 mm, PN25	25	150	3750
24	Butterfly Double Offset, 150 mm, PN30	30	150	4500
25	Butterfly Double Offset, 200 mm, PN 6	6	200	1200
26	Butterfly Double Offset, 200 mm, PN 10	10	200	2000
27	Butterfly Double Offset, 200 mm, PN 16	16	200	3200
28	Butterfly Double Offset, 200 mm, #150	20	200	4000
29	Butterfly Double Offset, 200 mm, PN25	25	200	5000
30	Butterfly Double Offset, 200 mm, PN30	30	200	6000
31	Butterfly Double Offset, 250 mm, PN 6	6	250	1500



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32	Butterfly Double Offset, 250 mm, PN 10	10	250	2500
33	Butterfly Double Offset, 250 mm, PN 16	16	250	4000
34	Butterfly Double Offset, 250 mm, #150	20	250	5000
35	Butterfly Double Offset, 250 mm, PN25	25	250	6250
36	Butterfly Double Offset, 250 mm, PN30	30	250	7500
37	Butterfly Double Offset, 300 mm, PN 6	6	300	1800
38	Butterfly Double Offset, 300 mm, PN 10	10	300	3000
39	Butterfly Double Offset, 300 mm, PN 16	16	300	4800
40	Butterfly Double Offset, 300 mm, #150	20	300	6000
41	Butterfly Double Offset, 300 mm, PN25	25	300	7500
42	Butterfly Double Offset, 300 mm, PN30	30	300	9000
43	Butterfly Double Offset, 350 mm, PN 6	6	350	2100
44	Butterfly Double Offset, 350 mm, PN 10	10	350	3500
45	Butterfly Double Offset, 350 mm, PN 16	16	350	5600
46	Butterfly Double Offset, 350 mm, #150	20	350	7000
47	Butterfly Double Offset, 350 mm, PN25	25	350	8750
48	Butterfly Double Offset, 350 mm, PN30	30	350	10500
49	Butterfly Double Offset, 400 mm, PN 6	6	400	2400
50	Butterfly Double Offset, 400 mm, PN 10	10	400	4000
51	Butterfly Double Offset, 400 mm, PN 16	16	400	6400
52	Butterfly Double Offset, 400 mm, #150	20	400	8000
53	Butterfly Double Offset, 400 mm, PN25	25	400	10000
54	Butterfly Double Offset, 400 mm, PN30	30	400	12000
55	Butterfly Double Offset, 450 mm, PN 6	6	450	2700
56	Butterfly Double Offset, 450 mm, PN 10	10	450	4500
57	Butterfly Double Offset, 450 mm, PN 16	16	450	7200
58	Butterfly Double Offset, 450 mm, #150	20	450	9000
59	Butterfly Double Offset, 450 mm, PN25	25	450	11250
60	Butterfly Double Offset, 450 mm, PN30	30	450	13500
61	Butterfly Double Offset, 500 mm, PN 6	6	500	3000
62	Butterfly Double Offset, 500 mm, PN 10	10	500	5000



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Sr.No.	Valve Description	Design Pressure (Ps) Bar(G)	Size (DN) mm	Ps*DN
63	Butterfly Double Offset, 500 mm, PN 16	16	500	8000
64	Butterfly Double Offset, 500 mm, #150	20	500	10000
65	Butterfly Double Offset, 500 mm, PN25	25	500	12500
66	Butterfly Double Offset, 500 mm, PN30	30	500	15000
67	Butterfly Double Offset, 600 mm, PN 6	6	600	3600
68	Butterfly Double Offset, 600 mm, PN 10	10	600	6000
69	Butterfly Double Offset, 600 mm, PN 16	16	600	9600
70	Butterfly Double Offset, 600 mm, #150	20	600	12000
71	Butterfly Double Offset, 600 mm, PN25	25	600	15000
72	Butterfly Double Offset, 600 mm, PN30	30	600	18000
73	Butterfly Double Offset, 650 mm, PN 6	6	650	3900
74	Butterfly Double Offset, 650 mm, PN 10	10	650	6500
75	Butterfly Double Offset, 650 mm, PN 16	16	650	10400
76	Butterfly Double Offset, 650 mm, #150	20	650	13000
77	Butterfly Double Offset, 650 mm, PN25	25	650	16250
78	Butterfly Double Offset, 650 mm, PN30	30	650	19500
79	Butterfly Double Offset, 700 mm, PN 6	6	700	4200
80	Butterfly Double Offset, 700 mm, PN 10	10	700	7000
81	Butterfly Double Offset, 700 mm, PN 16	16	700	11200
82	Butterfly Double Offset, 700 mm, #150	20	700	14000
83	Butterfly Double Offset, 700 mm, PN25	25	700	17500
84	Butterfly Double Offset, 700 mm, PN30	30	700	21000
85	Butterfly Double Offset, 750 mm, PN 6	6	750	4500
86	Butterfly Double Offset, 750 mm, PN 10	10	750	7500
87	Butterfly Double Offset, 750 mm, PN 16	16	750	12000
88	Butterfly Double Offset, 750 mm, #150	20	750	15000
89	Butterfly Double Offset, 750 mm, PN25	25	750	18750
90	Butterfly Double Offset, 750 mm, PN30	30	750	22500
91	Butterfly Double Offset, 800 mm, PN 6	6	800	4800
92	Butterfly Double Offset, 800 mm, PN 10	10	800	8000
93	Butterfly Double Offset, 800 mm, PN 16	16	800	12800



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*Annex to the Certificate*

<b>Sr.No.</b>	<b>Valve Description</b>	<b>Design Pressure (Ps) Bar(G)</b>	<b>Size (DN) mm</b>	<b>Ps*DN</b>
94	Butterfly Double Offset, 800 mm, #150	20	800	16000
95	Butterfly Double Offset, 800 mm, PN25	25	800	20000
96	Butterfly Double Offset, 800 mm, PN30	30	800	24000
97	Butterfly Double Offset, 850 mm, PN 6	6	850	5100
98	Butterfly Double Offset, 850 mm, PN 10	10	850	8500
99	Butterfly Double Offset, 850 mm, PN 16	16	850	13600
100	Butterfly Double Offset, 850 mm, #150	20	850	17000
101	Butterfly Double Offset, 850 mm, PN25	25	850	21250
102	Butterfly Double Offset, 850 mm, PN30	30	850	25500
103	Butterfly Double Offset, 900 mm, PN 6	6	900	5400
104	Butterfly Double Offset, 900 mm, PN 10	10	900	9000
105	Butterfly Double Offset, 900 mm, PN 16	16	900	14400
106	Butterfly Double Offset, 900 mm, #150	20	900	18000
107	Butterfly Double Offset, 900 mm, PN25	25	900	22500
108	Butterfly Double Offset, 900 mm, PN30	30	900	27000
109	Butterfly Double Offset, 950 mm, PN 6	6	950	5700
110	Butterfly Double Offset, 950 mm, PN 10	10	950	9500
111	Butterfly Double Offset, 950 mm, PN 16	16	950	15200
112	Butterfly Double Offset, 950 mm, #150	20	950	19000
113	Butterfly Double Offset, 950 mm, PN25	25	950	23750
114	Butterfly Double Offset, 950 mm, PN30	30	950	28500
115	Butterfly Double Offset, 1000 mm, PN 6	6	1000	6000
116	Butterfly Double Offset, 1000 mm, PN 10	10	1000	10000
117	Butterfly Double Offset, 1000 mm, PN 16	16	1000	16000
118	Butterfly Double Offset, 1000 mm, #150	20	1000	20000
119	Butterfly Double Offset, 1000 mm, PN25	25	1000	25000
120	Butterfly Double Offset, 1000 mm, PN30	30	1000	30000
121	Butterfly Double Offset, 1050 mm, PN 6	6	1050	6300
122	Butterfly Double Offset, 1050 mm, PN 10	10	1050	10500
123	Butterfly Double Offset, 1050 mm, PN 16	16	1050	16800
124	Butterfly Double Offset, 1050 mm, #150	20	1050	21000



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125	Butterfly Double Offset, 1050 mm, PN25	25	1050	26250
126	Butterfly Double Offset, 1050 mm, PN30	30	1050	31500
127	Butterfly Double Offset, 1100 mm, PN 6	6	1100	6600
128	Butterfly Double Offset, 1100 mm, PN 10	10	1100	11000
129	Butterfly Double Offset, 1100 mm, PN 16	16	1100	17600
130	Butterfly Double Offset, 1100 mm, #150	20	1100	22000
131	Butterfly Double Offset, 1100 mm, PN25	25	1100	27500
132	Butterfly Double Offset, 1100 mm, PN30	30	1100	33000
133	Butterfly Double Offset, 1150 mm, PN 6	6	1150	6900
134	Butterfly Double Offset, 1150 mm, PN 10	10	1150	11500
135	Butterfly Double Offset, 1150 mm, PN 16	16	1150	18400
136	Butterfly Double Offset, 1150 mm, #150	20	1150	23000
137	Butterfly Double Offset, 1150 mm, PN25	25	1150	28750
138	Butterfly Double Offset, 1150 mm, PN30	30	1150	34500
139	Butterfly Double Offset, 1200 mm, PN 6	6	1200	7200
140	Butterfly Double Offset, 1200 mm, PN 10	10	1200	12000
141	Butterfly Double Offset, 1200 mm, PN 16	16	1200	19200
142	Butterfly Double Offset, 1200 mm, #150	20	1200	24000
143	Butterfly Double Offset, 1200 mm, PN25	25	1200	30000
144	Butterfly Double Offset, 1200 mm, PN30	30	1200	36000
145	Butterfly Double Offset, 1250 mm, PN 6	6	1250	7500
146	Butterfly Double Offset, 1250 mm, PN 10	10	1250	12500
147	Butterfly Double Offset, 1250 mm, PN 16	16	1250	20000
148	Butterfly Double Offset, 1250 mm, #150	20	1250	25000
149	Butterfly Double Offset, 1250 mm, PN25	25	1250	31250
150	Butterfly Double Offset, 1300 mm, PN 6	6	1300	7800
151	Butterfly Double Offset, 1300 mm, PN 10	10	1300	13000
152	Butterfly Double Offset, 1300 mm, PN 16	16	1300	20800
153	Butterfly Double Offset, 1300 mm, #150	20	1300	26000
154	Butterfly Double Offset, 1300 mm, PN25	25	1300	32500
155	Butterfly Double Offset, 1350 mm, PN 6	6	1350	8100



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156	Butterfly Double Offset, 1350 mm, PN 10	10	1350	13500
157	Butterfly Double Offset, 1350 mm, PN 16	16	1350	21600
158	Butterfly Double Offset, 1350 mm, #150	20	1350	27000
159	Butterfly Double Offset, 1350 mm, PN25	25	1350	33750
160	Butterfly Double Offset, 1400 mm, PN 6	6	1400	8400
161	Butterfly Double Offset, 1400 mm, PN 10	10	1400	14000
162	Butterfly Double Offset, 1400 mm, PN 16	16	1400	22400
163	Butterfly Double Offset, 1400 mm, #150	20	1400	28000
164	Butterfly Double Offset, 1400 mm, PN25	25	1400	35000
165	Butterfly Double Offset, 1450 mm, PN 6	6	1450	8700
166	Butterfly Double Offset, 1450 mm, PN 10	10	1450	14500
167	Butterfly Double Offset, 1450 mm, PN 16	16	1450	23200
168	Butterfly Double Offset, 1450 mm, #150	20	1450	29000
169	Butterfly Double Offset, 1450 mm, PN25	25	1450	36250
170	Butterfly Double Offset, 1500 mm, PN 6	6	1500	9000
171	Butterfly Double Offset, 1500 mm, PN 10	10	1500	15000
172	Butterfly Double Offset, 1500 mm, PN 16	16	1500	24000
173	Butterfly Double Offset, 1500 mm, #150	20	1500	30000
174	Butterfly Double Offset, 1500 mm, PN25	25	1500	37500
175	Butterfly Double Offset, 1600 mm, PN 6	6	1600	9600
176	Butterfly Double Offset, 1600 mm, PN 10	10	1600	16000
177	Butterfly Double Offset, 1600 mm, PN 16	16	1600	25600
178	Butterfly Double Offset, 1600 mm, #150	20	1600	32000
179	Butterfly Double Offset, 1600 mm, PN25	25	1600	40000
180	Butterfly Double Offset, 1650 mm, PN 6	6	1650	9900
181	Butterfly Double Offset, 1650 mm, PN 10	10	1650	16500
182	Butterfly Double Offset, 1650 mm, PN 16	16	1650	26400
183	Butterfly Double Offset, 1650 mm, #150	20	1650	33000
184	Butterfly Double Offset, 1650 mm, PN25	25	1650	41250
185	Butterfly Double Offset, 1700 mm, PN 6	6	1700	10200
186	Butterfly Double Offset, 1700 mm, PN 10	10	1700	17000





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*Annex to the Certificate*

Sr.No.	Valve Description	Design Pressure (Ps) Bar(G)	Size (DN) mm	Ps*DN
187	Butterfly Double Offset, 1700 mm, PN 16	16	1700	27200
188	Butterfly Double Offset, 1700 mm, #150	20	1700	34000
189	Butterfly Double Offset, 1700 mm, PN25	25	1700	42500
190	Butterfly Double Offset, 1800 mm, PN 6	6	1800	10800
191	Butterfly Double Offset, 1800 mm, PN 10	10	1800	18000
192	Butterfly Double Offset, 1800 mm, PN 16	16	1800	28800
193	Butterfly Double Offset, 1800 mm, #150	20	1800	36000
194	Butterfly Double Offset, 1800 mm, PN25	25	1800	45000
195	Butterfly Double Offset, 1900 mm, PN 6	6	1900	11400
196	Butterfly Double Offset, 1900 mm, PN 10	10	1900	19000
197	Butterfly Double Offset, 1900 mm, PN 16	16	1900	30400
198	Butterfly Double Offset, 1900 mm, #150	20	1900	38000
199	Butterfly Double Offset, 1950 mm, PN 6	6	1950	11700
200	Butterfly Double Offset, 1950 mm, PN 10	10	1950	19500
201	Butterfly Double Offset, 1950 mm, PN 16	16	1950	31200
202	Butterfly Double Offset, 1950 mm, #150	20	1950	39000
203	Butterfly Double Offset, 2000 mm,PN 6	6	2000	12000
204	Butterfly Double Offset, 2000 mm,PN 10	10	2000	20000
205	Butterfly Double Offset, 2000 mm,PN 16	16	2000	32000
206	Butterfly Double Offset, 2000 mm,#150	20	2000	40000
207	Butterfly Double Offset, 2200 mm, PN 6	6	2200	13200
208	Butterfly Double Offset, 2200 mm, PN 10	10	2200	22000
209	Butterfly Double Offset, 2200 mm, PN 16	16	2200	35200
210	Butterfly Double Offset, 2200 mm, #150	20	2200	44000
211	Butterfly Double Offset, 2250 mm, PN 6	6	2250	13500
212	Butterfly Double Offset, 2250 mm, PN 10	10	2250	22500
213	Butterfly Double Offset, 2250 mm, PN 16	16	2250	36000
214	Butterfly Double Offset, 2250 mm, #150	20	2250	45000
215	Butterfly Double Offset, 2400 mm, PN 6	6	2400	14400
216	Butterfly Double Offset, 2400 mm, PN 10	10	2400	24000
217	Butterfly Double Offset, 2400 mm, PN 16	16	2400	38400



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*Annex to the Certificate*

<b>Sr.No.</b>	<b>Valve Description</b>	<b>Design Pressure (Ps) Bar(G)</b>	<b>Size (DN) mm</b>	<b>Ps*DN</b>
218	Butterfly Double Offset, 2400 mm, #150	20	2400	48000
219	Butterfly Double Offset, 2500 mm, PN6	6	2500	15000
220	Butterfly Double Offset, 2500 mm, PN10	10	2500	25000
221	Butterfly Double Offset, 2500 mm, PN16	16	2500	40000
222	Butterfly Double Offset, 2600 mm, PN6	6	2600	15600
223	Butterfly Double Offset, 2600 mm, PN10	10	2600	26000
224	Butterfly Double Offset, 2600 mm, PN16	16	2600	41600
225	Butterfly Double Offset, 2700 mm, PN6	6	2700	16200
226	Butterfly Double Offset, 2700 mm, PN10	10	2700	27000
227	Butterfly Double Offset, 2700 mm, PN16	16	2700	43200
228	Butterfly Double Offset, 2800 mm, PN6	6	2800	16800
229	Butterfly Double Offset, 2800 mm, PN10	10	2800	28000
230	Butterfly Double Offset, 2800 mm, PN16	16	2800	44800
231	Butterfly Double Offset, 2900 mm, PN6	6	2900	17400
232	Butterfly Double Offset, 2900 mm, PN10	10	2900	29000
233	Butterfly Double Offset, 2900 mm, PN16	16	2900	46400
234	Butterfly Double Offset, 3000 mm, PN6	6	3000	18000
235	Butterfly Double Offset, 3000 mm, PN10	10	3000	30000
236	Butterfly Double Offset, 3000 mm, PN16	16	3000	48000
237	Butterfly Double Offset, 3200 mm, PN6	6	3200	19200
238	Butterfly Double Offset, 3200 mm, PN10	10	3200	32000
239	Butterfly Double Offset, 3200 mm, PN16	16	3200	51200
240	Butterfly Double Offset, 3300 mm, PN6	6	3300	19800
241	Butterfly Double Offset, 3300 mm, PN10	10	3300	33000
242	Butterfly Double Offset, 3300 mm, PN16	16	3300	52800



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Sr.No.	Valve Description	Design Pressure (Ps) Bar(G)	Size (DN) mm	Ps*DN
1	Butterfly Concentric, 50 mm, #150	20	50	1000
2	Butterfly Concentric, 50 mm, PN10	10	50	500
3	Butterfly Concentric, 50 mm, PN16	16	50	800
4	Butterfly Concentric, 50 mm, PN25	25	50	1250
5	Butterfly Concentric, 65 mm, PN10	10	65	650
6	Butterfly Concentric, 65 mm, PN16	16	65	1040
7	Butterfly Concentric, 50 mm, PN30	30	50	1500
8	Butterfly Concentric, 80 mm, PN10	10	80	800
9	Butterfly Concentric, 80 mm, PN16	16	80	1280
10	Butterfly Concentric, 65 mm, #150	20	65	1300
11	Butterfly Concentric, 100 mm, PN10	10	100	1000
12	Butterfly Concentric, 100 mm, PN16	16	100	1600
13	Butterfly Concentric, 65 mm,PN25	25	65	1625
14	Butterfly Concentric, 125 mm, PN10	10	125	1250
15	Butterfly Concentric, 125 mm, PN16	16	125	2000
16	Butterfly Concentric, 65 mm,PN30	30	65	1950
17	Butterfly Concentric, 150 mm, PN10	10	150	1500
18	Butterfly Concentric, 150 mm, PN16	16	150	2400
19	Butterfly Concentric, 80 mm, #150	20	80	1600
20	Butterfly Concentric, 200 mm, PN10	10	200	2000
21	Butterfly Concentric, 200 mm, PN16	16	200	3200
22	Butterfly Concentric, 80 mm, PN25	25	80	2000
23	Butterfly Concentric, 250 mm, PN10	10	250	2500
24	Butterfly Concentric, 250 mm, PN16	16	250	4000
25	Butterfly Concentric, 80 mm, PN30	30	80	2400
26	Butterfly Concentric, 300 mm, PN10	10	300	3000
27	Butterfly Concentric, 300 mm, PN16	16	300	4800
28	Butterfly Concentric, 100 mm, #150	20	100	2000
29	Butterfly Concentric, 350 mm, PN10	10	350	3500
30	Butterfly Concentric, 350 mm, PN16	16	350	5600
31	Butterfly Concentric, 100 mm, PN25	25	100	2500



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Sr.No.	Valve Description	Design Pressure (Ps) Bar(G)	Size (DN) mm	Ps*DN
32	Butterfly Concentric, 400 mm, PN10	10	400	4000
33	Butterfly Concentric, 400 mm, PN16	16	400	6400
34	Butterfly Concentric, 100 mm, PN30	30	100	3000
35	Butterfly Concentric, 450 mm, PN10	10	450	4500
36	Butterfly Concentric, 450 mm, PN16	16	450	7200
37	Butterfly Concentric, 125 mm, #150	20	125	2500
38	Butterfly Concentric, 500 mm, PN10	10	500	5000
39	Butterfly Concentric, 500 mm, PN16	16	500	8000
40	Butterfly Concentric, 125 mm, PN25	25	125	3125
41	Butterfly Concentric, 600 mm, PN10	10	600	6000
42	Butterfly Concentric, 600 mm, PN16	16	600	9600
43	Butterfly Concentric, 125 mm, PN30	30	125	3750
44	Butterfly Concentric, 650 mm, PN10	10	650	6500
45	Butterfly Concentric, 650 mm, PN16	16	650	10400
46	Butterfly Concentric, 150 mm, #150	20	150	3000
47	Butterfly Concentric, 700 mm, PN10	10	700	7000
48	Butterfly Concentric, 700 mm, PN16	16	700	11200
49	Butterfly Concentric, 150 mm,PN25	25	150	3750
50	Butterfly Concentric, 750 mm, PN10	10	750	7500
51	Butterfly Concentric, 750 mm, PN16	16	750	12000
52	Butterfly Concentric, 150 mm, PN30	30	150	4500
53	Butterfly Concentric, 800 mm, PN10	10	800	8000
54	Butterfly Concentric, 800 mm, PN16	16	800	12800
55	Butterfly Concentric, 200 mm, #150	20	200	4000
56	Butterfly Concentric, 850 mm, PN10	10	850	8500
57	Butterfly Concentric, 850 mm, PN16	16	850	13600
58	Butterfly Concentric, 200 mm, PN25	25	200	5000
59	Butterfly Concentric, 900 mm, PN10	10	900	9000
60	Butterfly Concentric, 900 mm, PN16	16	900	14400
61	Butterfly Concentric, 200 mm, PN30	30	200	6000
62	Butterfly Concentric, 950 mm, PN10	10	950	9500



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Sr.No.	Valve Description	Design Pressure (Ps) Bar(G)	Size (DN) mm	Ps*DN
63	Butterfly Concentric, 950 mm, PN16	16	950	15200
64	Butterfly Concentric, 250 mm, #150	20	250	5000
65	Butterfly Concentric, 1000 mm, PN10	10	1000	10000
66	Butterfly Concentric, 1000 mm, PN16	16	1000	16000
67	Butterfly Concentric, 250 mm, PN25	25	250	6250
68	Butterfly Concentric, 1050 mm, PN10	10	1050	10500
69	Butterfly Concentric, 1050 mm, PN16	16	1050	16800
70	Butterfly Concentric, 250 mm, PN30	30	250	7500
71	Butterfly Concentric, 1100 mm, PN10	10	1100	11000
72	Butterfly Concentric, 1100 mm, PN16	16	1100	17600
73	Butterfly Concentric, 300 mm, #150	20	300	6000
74	Butterfly Concentric, 1150 mm, PN10	10	1150	11500
75	Butterfly Concentric, 1150 mm, PN16	16	1150	18400
76	Butterfly Concentric, 300 mm, PN25	25	300	7500
77	Butterfly Concentric, 1200 mm, PN10	10	1200	12000
78	Butterfly Concentric, 1200 mm, PN16	16	1200	19200
79	Butterfly Concentric, 300 mm, PN30	30	300	9000
80	Butterfly Concentric, 350 mm, #150	20	350	7000
81	Butterfly Concentric, 350 mm, PN25	25	350	8750
82	Butterfly Concentric, 350 mm, PN30	30	350	10500
83	Butterfly Concentric, 400 mm, #150	20	400	8000
84	Butterfly Concentric, 400 mm, PN25	25	400	10000
85	Butterfly Concentric, 400 mm, PN30	30	400	12000
86	Butterfly Concentric, 450 mm, #150	20	450	9000
87	Butterfly Concentric, 450 mm, PN25	25	450	11250
88	Butterfly Concentric, 450 mm, PN30	30	450	13500
89	Butterfly Concentric, 500 mm, #150	20	500	10000
90	Butterfly Concentric, 500 mm, PN25	25	500	12500
91	Butterfly Concentric, 500 mm, PN30	30	500	15000
92	Butterfly Concentric, 600 mm, #150	20	600	12000
93	Butterfly Concentric, 600 mm, PN25	25	600	15000



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94	Butterfly Concentric, 600 mm, PN30	30	600	18000
95	Butterfly Concentric, 650 mm, #150	20	650	13000
96	Butterfly Concentric, 650 mm, PN25	25	650	16250
97	Butterfly Concentric, 650 mm, PN30	30	650	19500
98	Butterfly Concentric, 700 mm, #150	20	700	14000
99	Butterfly Concentric, 700 mm, PN25	25	700	17500
100	Butterfly Concentric, 700 mm, PN30	30	700	21000
101	Butterfly Concentric, 750 mm, #150	20	750	15000
102	Butterfly Concentric, 750 mm, PN25	25	750	18750
103	Butterfly Concentric, 750 mm, PN30	30	750	22500
104	Butterfly Concentric, 800 mm, #150	20	800	16000
105	Butterfly Concentric, 800 mm, PN25	25	800	20000
106	Butterfly Concentric, 800 mm, PN30	30	800	24000
107	Butterfly Concentric, 850 mm, #150	20	850	17000
108	Butterfly Concentric, 850 mm, PN25	25	850	21250
109	Butterfly Concentric, 850 mm, PN30	30	850	25500
110	Butterfly Concentric, 900 mm, #150	20	900	18000
111	Butterfly Concentric, 900 mm, PN25	25	900	22500
112	Butterfly Concentric, 900 mm, PN30	30	900	27000
113	Butterfly Concentric, 950 mm, #150	20	950	19000
114	Butterfly Concentric, 1000 mm, #150	20	1000	20000
115	Butterfly Concentric, 1050 mm, #150	20	1050	21000
116	Butterfly Concentric, 1100 mm, #150	20	1100	22000
117	Butterfly Concentric, 1150 mm, #150	20	1150	23000
118	Butterfly Concentric, 1200 mm, #150	20	1200	24000



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1	Butterfly Triple Offset, 50 mm, #150	20	50	1000
2	Butterfly Triple Offset, 65 mm, #150	20	65	1300
3	Butterfly Triple Offset, 80 mm, #150	20	80	1600
4	Butterfly Triple Offset, 80 mm, #300	52	80	4160
5	Butterfly Triple Offset, 80 mm, #600	103	80	8240
6	Butterfly Triple Offset, 100 mm, #150	20	100	2000
7	Butterfly Triple Offset, 100 mm, #300	52	100	5200
8	Butterfly Triple Offset, 100 mm, #600	103	100	10300
9	Butterfly Triple Offset, 100 mm, #900	155	100	15500
10	Butterfly Triple Offset, 150 mm, #150	20	150	3000
11	Butterfly Triple Offset, 150 mm, #300	52	150	7800
12	Butterfly Triple Offset, 150 mm, #600	103	150	15450
13	Butterfly Triple Offset, 150 mm, #900	155	150	23250
14	Butterfly Triple Offset, 150 mm, #1500	258	150	38700
15	Butterfly Triple Offset, 200 mm, #150	20	200	4000
16	Butterfly Triple Offset, 200 mm, #300	52	200	10400
17	Butterfly Triple Offset, 200 mm, #600	103	200	20600
18	Butterfly Triple Offset, 200 mm, #900	155	200	31000
19	Butterfly Triple Offset, 200 mm, #1500	258	200	51600
20	Butterfly Triple Offset, 250 mm, #150	20	250	5000
21	Butterfly Triple Offset, 250 mm, #300	52	250	13000
22	Butterfly Triple Offset, 250 mm, #600	103	250	25750
23	Butterfly Triple Offset, 250 mm, #900	155	250	38750
24	Butterfly Triple Offset, 250 mm, #1500	258	250	64500
25	Butterfly Triple Offset, 300 mm, #150	20	300	6000
26	Butterfly Triple Offset, 300 mm, #300	52	300	15600
27	Butterfly Triple Offset, 300 mm, #600	103	300	30900
28	Butterfly Triple Offset, 300 mm, #900	155	300	46500
29	Butterfly Triple Offset, 300 mm, #1500	258	300	77400
30	Butterfly Triple Offset, 350 mm, #150	20	350	7000
31	Butterfly Triple Offset, 350 mm, #300	52	350	18200



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32	Butterfly Triple Offset, 350 mm, #600	103	350	36050
33	Butterfly Triple Offset, 350 mm, #900	155	350	54250
34	Butterfly Triple Offset, 350 mm, #1500	258	350	90300
35	Butterfly Triple Offset, 400 mm, #150	20	400	8000
36	Butterfly Triple Offset, 400 mm, #300	52	400	20800
37	Butterfly Triple Offset, 400 mm, #600	103	400	41200
38	Butterfly Triple Offset, 400 mm, #900	155	400	62000
39	Butterfly Triple Offset, 400 mm, #1500	258	400	103200
40	Butterfly Triple Offset, 450 mm, #150	20	450	9000
41	Butterfly Triple Offset, 450 mm, #300	52	450	23400
42	Butterfly Triple Offset, 450 mm, #600	103	450	46350
43	Butterfly Triple Offset, 450 mm, #900	155	450	69750
44	Butterfly Triple Offset, 450 mm, #1500	258	450	116100
45	Butterfly Triple Offset, 500 mm, #150	20	500	10000
46	Butterfly Triple Offset, 500 mm, #300	52	500	26000
47	Butterfly Triple Offset, 500 mm, #600	103	500	51500
48	Butterfly Triple Offset, 500 mm, #900	155	500	77500
49	Butterfly Triple Offset, 500 mm, #1500	258	500	129000
50	Butterfly Triple Offset, 600 mm, #150	20	600	12000
51	Butterfly Triple Offset, 600 mm, #300	52	600	31200
52	Butterfly Triple Offset, 600 mm, #600	103	600	61800
53	Butterfly Triple Offset, 600 mm, #900	155	600	93000
54	Butterfly Triple Offset, 600 mm, #1500	258	600	154800
55	Butterfly Triple Offset, 650 mm, #150	20	650	13000
56	Butterfly Triple Offset, 650 mm, #300	52	650	33800
57	Butterfly Triple Offset, 650 mm, #600	103	650	66950
58	Butterfly Triple Offset, 650 mm, #900	155	650	100750
59	Butterfly Triple Offset, 700 mm, #150	20	700	14000
60	Butterfly Triple Offset, 700 mm, #300	52	700	36400
61	Butterfly Triple Offset, 700 mm, #600	103	700	72100
62	Butterfly Triple Offset, 700 mm, #900	155	700	108500





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63	Butterfly Triple Offset, 750 mm, #150	20	750	15000
64	Butterfly Triple Offset, 750 mm, #300	52	750	39000
65	Butterfly Triple Offset, 750 mm, #600	103	750	77250
66	Butterfly Triple Offset, 750 mm, #900	155	750	116250
67	Butterfly Triple Offset, 800 mm, #150	20	800	16000
68	Butterfly Triple Offset, 800 mm, #300	52	800	41600
69	Butterfly Triple Offset, 800 mm, #600	103	800	82400
70	Butterfly Triple Offset, 800 mm, #900	155	800	124000
71	Butterfly Triple Offset, 850 mm, #150	20	850	17000
72	Butterfly Triple Offset, 850 mm, #300	52	850	44200
73	Butterfly Triple Offset, 850 mm, #600	103	850	87550
74	Butterfly Triple Offset, 850 mm, #900	155	850	131750
75	Butterfly Triple Offset, 900 mm, #150	20	900	18000
76	Butterfly Triple Offset, 900 mm, #300	52	900	46800
77	Butterfly Triple Offset, 900 mm, #600	103	900	92700
78	Butterfly Triple Offset, 900 mm, #900	155	900	139500
79	Butterfly Triple Offset, 950 mm, #150	20	950	19000
80	Butterfly Triple Offset, 950 mm, #300	52	950	49400
81	Butterfly Triple Offset, 950 mm, #600	103	950	97850
82	Butterfly Triple Offset, 950 mm, #900	155	950	147250
83	Butterfly Triple Offset, 1000 mm, #150	20	1000	20000
84	Butterfly Triple Offset, 1000 mm, #300	52	1000	52000
85	Butterfly Triple Offset, 1000 mm, #600	103	1000	103000
86	Butterfly Triple Offset, 1000 mm, #900	155	1000	155000
87	Butterfly Triple Offset, 1050 mm, #150	20	1050	21000
88	Butterfly Triple Offset, 1050 mm, #300	52	1050	54600
89	Butterfly Triple Offset, 1050 mm, #600	103	1050	108150
90	Butterfly Triple Offset, 1050 mm, #900	155	1050	162750
91	Butterfly Triple Offset, 1100 mm, #150	20	1100	22000
92	Butterfly Triple Offset, 1100 mm, #300	52	1100	57200
93	Butterfly Triple Offset, 1100 mm, #600	103	1100	113300



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94	Butterfly Triple Offset, 1100 mm, #900	155	1100	170500
95	Butterfly Triple Offset, 1200 mm, #150	20	1200	24000
96	Butterfly Triple Offset, 1200 mm, #300	52	1200	62400
97	Butterfly Triple Offset, 1200 mm, #600	103	1200	123600
98	Butterfly Triple Offset, 1200 mm, #900	155	1200	186000
99	Butterfly Triple Offset, 1300 mm, #150	20	1300	26000
100	Butterfly Triple Offset, 1300 mm, #300	52	1300	67600
101	Butterfly Triple Offset, 1350 mm, #150	20	1350	27000
102	Butterfly Triple Offset, 1350 mm, #300	52	1350	70200
103	Butterfly Triple Offset, 1400 mm, #150	20	1400	28000
104	Butterfly Triple Offset, 1400 mm, #300	52	1400	72800
105	Butterfly Triple Offset, 1500 mm, #150	20	1500	30000
106	Butterfly Triple Offset, 1500 mm, #300	52	1500	78000
107	Butterfly Triple Offset, 1600 mm, #150	20	1600	32000
108	Butterfly Triple Offset, 1600 mm, #300	52	1600	83200
109	Butterfly Triple Offset, 1650 mm, #150	20	1650	33000
110	Butterfly Triple Offset, 1650 mm, #300	52	1650	85800
111	Butterfly Triple Offset, 1700 mm, #150	20	1700	34000
112	Butterfly Triple Offset, 1700 mm, #300	52	1700	88400
113	Butterfly Triple Offset, 1800 mm, #150	20	1800	36000
114	Butterfly Triple Offset, 1800 mm, #300	52	1800	93600
115	Butterfly Triple Offset, 1900 mm, #150	20	1900	38000
116	Butterfly Triple Offset, 2000 mm, #150	20	2000	40000
117	Butterfly Triple Offset, 2100 mm, #150	20	2100	42000
118	Butterfly Triple Offset, 2200 mm, #150	20	2200	44000
119	Butterfly Triple Offset, 2300 mm, #150	20	2300	46000
120	Butterfly Triple Offset, 2400 mm, #150	20	2400	48000
121	Butterfly Triple Offset, 2500 mm, #150	20	2500	50000



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1	Dual Plate Check Valves, 40 mm, #150	20	40	800
2	Dual Plate Check Valves, 40 mm, #300	52	40	2080
3	Dual Plate Check Valves, 40 mm, #600	103	40	4120
4	Dual Plate Check Valves, 40 mm, #900	154	40	6160
5	Dual Plate Check Valves, 40 mm, #1500	256	40	10240
6	Dual Plate Check Valves, 50 mm, #150	20	50	1000
7	Dual Plate Check Valves, 50 mm, #300	52	50	2600
8	Dual Plate Check Valves, 50 mm, #600	103	50	5150
9	Dual Plate Check Valves, 50 mm, #900	154	50	7700
10	Dual Plate Check Valves, 50 mm, #1500	256	50	12800
11	Dual Plate Check Valves, 50 mm, #2500	426	50	21300
12	Dual Plate Check Valves, 65 mm, #150	20	65	1300
13	Dual Plate Check Valves, 65 mm, #300	52	65	3380
14	Dual Plate Check Valves, 65 mm, #600	103	65	6695
15	Dual Plate Check Valves, 65 mm, #900	154	65	10010
16	Dual Plate Check Valves, 65 mm, #1500	256	65	16640
17	Dual Plate Check Valves, 65 mm, #2500	426	65	27690
18	Dual Plate Check Valves, 80 mm, #150	20	80	1600
19	Dual Plate Check Valves, 80 mm, #300	52	80	4160
20	Dual Plate Check Valves, 80 mm, #600	103	80	8240
21	Dual Plate Check Valves, 80 mm, #900	154	80	12320
22	Dual Plate Check Valves, 80 mm, #1500	256	80	20480
23	Dual Plate Check Valves, 80 mm, #2500	426	80	34080
24	Dual Plate Check Valves, 100 mm, #150	20	100	2000
25	Dual Plate Check Valves, 100 mm, #300	52	100	5200
26	Dual Plate Check Valves, 100 mm, #600	103	100	10300
27	Dual Plate Check Valves, 100 mm, #900	154	100	15400
28	Dual Plate Check Valves, 100 mm, #1500	256	100	25600
29	Dual Plate Check Valves, 100 mm, #2500	426	100	42600
30	Dual Plate Check Valves, 125 mm, #150	20	125	2500
31	Dual Plate Check Valves, 125 mm, #300	52	125	6500



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32	Dual Plate Check Valves, 125 mm, #600	103	125	12875
33	Dual Plate Check Valves, 125 mm, #900	154	125	19250
34	Dual Plate Check Valves, 125 mm, #1500	256	125	32000
35	Dual Plate Check Valves, 125 mm, #2500	426	125	53250
36	Dual Plate Check Valves, 150 mm, #150	20	150	3000
37	Dual Plate Check Valves, 150 mm, #300	52	150	7800
38	Dual Plate Check Valves, 150 mm, #600	103	150	15450
39	Dual Plate Check Valves, 150 mm, #900	154	150	23100
40	Dual Plate Check Valves, 150 mm, #1500	256	150	38400
41	Dual Plate Check Valves, 150 mm, #2500	426	150	63900
42	Dual Plate Check Valves, 200 mm, #150	20	200	4000
43	Dual Plate Check Valves, 200 mm, #300	52	200	10400
44	Dual Plate Check Valves, 200 mm, #600	103	200	20600
45	Dual Plate Check Valves, 200 mm, #900	154	200	30800
46	Dual Plate Check Valves, 200 mm, #1500	256	200	51200
47	Dual Plate Check Valves, 200 mm, #2500	426	200	85200
48	Dual Plate Check Valves, 250 mm, #150	20	250	5000
49	Dual Plate Check Valves, 250 mm, #300	52	250	13000
50	Dual Plate Check Valves, 250 mm, #600	103	250	25750
51	Dual Plate Check Valves, 250 mm, #900	154	250	38500
52	Dual Plate Check Valves, 250 mm, #1500	256	250	64000
53	Dual Plate Check Valves, 250 mm, #2500	426	250	106500
54	Dual Plate Check Valves, 300 mm, #150	20	300	6000
55	Dual Plate Check Valves, 300 mm, #300	52	300	15600
56	Dual Plate Check Valves, 300 mm, #600	103	300	30900
57	Dual Plate Check Valves, 300 mm, #900	154	300	46200
58	Dual Plate Check Valves, 300 mm, #1500	256	300	76800
59	Dual Plate Check Valves, 300 mm, #2500	426	300	127800
60	Dual Plate Check Valves, 350 mm, #150	20	350	7000
61	Dual Plate Check Valves, 350 mm, #300	52	350	18200
62	Dual Plate Check Valves, 350 mm, #600	103	350	36050



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63	Dual Plate Check Valves, 350 mm, #900	154	350	53900
64	Dual Plate Check Valves, 350 mm, #1500	256	350	89600
65	Dual Plate Check Valves, 400 mm, #150	20	400	8000
66	Dual Plate Check Valves, 400 mm, #300	52	400	20800
67	Dual Plate Check Valves, 400 mm, #600	103	400	41200
68	Dual Plate Check Valves, 400 mm, #900	154	400	61600
69	Dual Plate Check Valves, 400 mm, #1500	256	400	102400
70	Dual Plate Check Valves, 400 mm, #2500	426	400	170400
71	Dual Plate Check Valves, 450 mm, #150	20	450	9000
72	Dual Plate Check Valves, 450 mm, #300	52	450	23400
73	Dual Plate Check Valves, 450 mm, #600	103	450	46350
74	Dual Plate Check Valves, 450 mm, #900	154	450	69300
75	Dual Plate Check Valves, 450 mm, #1500	256	450	115200
76	Dual Plate Check Valves, 450 mm, #2500	426	450	191700
77	Dual Plate Check Valves, 500 mm, #150	20	500	10000
78	Dual Plate Check Valves, 500 mm, #300	52	500	26000
79	Dual Plate Check Valves, 500 mm, #600	103	500	51500
80	Dual Plate Check Valves, 500 mm, #900	154	500	77000
81	Dual Plate Check Valves, 500 mm, #1500	256	500	128000
82	Dual Plate Check Valves, 550 mm, #150	20	550	11000
83	Dual Plate Check Valves, 550 mm, #300	52	550	28600
84	Dual Plate Check Valves, 550 mm, #600	103	550	56650
85	Dual Plate Check Valves, 550 mm, #900	154	550	84700
86	Dual Plate Check Valves, 550 mm, #1500	256	550	140800
87	Dual Plate Check Valves, 600 mm, #150	20	600	12000
88	Dual Plate Check Valves, 600 mm, #300	52	600	31200
89	Dual Plate Check Valves, 600 mm, #600	103	600	61800
90	Dual Plate Check Valves, 600 mm, #900	154	600	92400
91	Dual Plate Check Valves, 600 mm, #1500	256	600	153600
92	Dual Plate Check Valves, 650 mm, #150	20	650	13000
93	Dual Plate Check Valves, 650 mm, #300	52	650	33800



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94	Dual Plate Check Valves, 650 mm, #600	103	650	66950
95	Dual Plate Check Valves, 650 mm, #900	154	650	100100
96	Dual Plate Check Valves, 700 mm, #150	20	700	14000
97	Dual Plate Check Valves, 700 mm, #300	52	700	36400
98	Dual Plate Check Valves, 700 mm, #600	103	700	72100
99	Dual Plate Check Valves, 700 mm, #900	154	700	107800
100	Dual Plate Check Valves, 750 mm, #150	20	750	15000
101	Dual Plate Check Valves, 750 mm, #300	52	750	39000
102	Dual Plate Check Valves, 750 mm, #600	103	750	77250
103	Dual Plate Check Valves, 750 mm, #900	154	750	115500
104	Dual Plate Check Valves, 800 mm, #150	20	800	16000
105	Dual Plate Check Valves, 800 mm, #300	52	800	41600
106	Dual Plate Check Valves, 800 mm, #600	103	800	82400
107	Dual Plate Check Valves, 800 mm, #900	154	800	123200
108	Dual Plate Check Valves, 850 mm, #150	20	850	17000
109	Dual Plate Check Valves, 850 mm, #300	52	850	44200
110	Dual Plate Check Valves, 850 mm, #600	103	850	87550
111	Dual Plate Check Valves, 850 mm, #900	154	850	130900
112	Dual Plate Check Valves, 900 mm, #150	20	900	18000
113	Dual Plate Check Valves, 900 mm, #300	52	900	46800
114	Dual Plate Check Valves, 900 mm, #600	103	900	92700
115	Dual Plate Check Valves, 900 mm, #900	154	900	138600
116	Dual Plate Check Valves, 1000 mm, #150	20	1000	20000
117	Dual Plate Check Valves, 1000 mm, #300	52	1000	52000
118	Dual Plate Check Valves, 1000 mm, #600	103	1000	103000
119	Dual Plate Check Valves, 1000 mm, #900	154	1000	154000
120	Dual Plate Check Valves, 1050 mm, #150	20	1050	21000
121	Dual Plate Check Valves, 1050 mm, #300	52	1050	54600
122	Dual Plate Check Valves, 1050 mm, #600	103	1050	108150
123	Dual Plate Check Valves, 1050 mm, #900	154	1050	161700
124	Dual Plate Check Valves, 1200 mm, #150	20	1200	24000



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Sr.No.	Valve Description	Design Pressure (Ps) Bar(G)	Size (DN) mm	Ps*DN
125	Dual Plate Check Valves, 1200 mm, #300	52	1200	62400
126	Dual Plate Check Valves, 1200 mm, #600	103	1200	123600
127	Dual Plate Check Valves, 1200 mm, #900	154	1200	184800
128	Dual Plate Check Valves, 1250 mm, #150	20	1250	25000
129	Dual Plate Check Valves, 1250 mm, #300	52	1250	65000
130	Dual Plate Check Valves, 1300 mm, #150	20	1300	26000
131	Dual Plate Check Valves, 1300 mm, #300	52	1300	67600
132	Dual Plate Check Valves, 1350 mm, #150	20	1350	27000
133	Dual Plate Check Valves, 1350 mm, #300	52	1350	70200
134	Dual Plate Check Valves, 1400 mm, #150	20	1400	28000
135	Dual Plate Check Valves, 1400 mm, #300	52	1400	72800
136	Dual Plate Check Valves, 1450 mm, #150	20	1450	29000
137	Dual Plate Check Valves, 1450 mm, #300	52	1450	75400
138	Dual Plate Check Valves, 1500 mm, #150	20	1500	30000
139	Dual Plate Check Valves, 1500 mm, #300	52	1500	78000
140	Dual Plate Check Valves, 1600 mm, #150	20	1600	32000
141	Dual Plate Check Valves, 1600 mm, #300	52	1600	83200
142	Dual Plate Check Valves, 1650 mm, #150	20	1650	33000
143	Dual Plate Check Valves, 1650 mm, #300	52	1650	85800
144	Dual Plate Check Valves, 1700 mm, #150	20	1700	34000
145	Dual Plate Check Valves, 1700 mm, #300	52	1700	88400
146	Dual Plate Check Valves, 1750 mm, #150	20	1750	35000
147	Dual Plate Check Valves, 1750 mm, #300	52	1750	91000
148	Dual Plate Check Valves, 1800 mm, #150	20	1800	36000
149	Dual Plate Check Valves, 1800 mm, #300	52	1800	93600
150	Dual Plate Check Valves, 1850 mm, #150	20	1850	37000
151	Dual Plate Check Valves, 1850 mm, #300	52	1850	96200
152	Dual Plate Check Valves, 1900 mm, #150	20	1900	38000
153	Dual Plate Check Valves, 1900 mm, #300	52	1900	98800
154	Dual Plate Check Valves, 1950 mm, #150	20	1950	39000
155	Dual Plate Check Valves, 1950 mm, #300	52	1950	101400



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<b>Sr.No.</b>	<b>Valve Description</b>	<b>Design Pressure (Ps) Bar(G)</b>	<b>Size (DN) mm</b>	<b>Ps*DN</b>
156	Dual Plate Check Valves, 2000 mm, #150	20	2000	40000
157	Dual Plate Check Valves, 2000 mm, #300	52	2000	104000
158	Dual Plate Check Valves, 2050 mm, #150	20	2050	41000
159	Dual Plate Check Valves, 2100 mm, #150	20	2100	42000
160	Dual Plate Check Valves, 2150 mm, #150	20	2150	43000
161	Dual Plate Check Valves, 2200 mm, #150	20	2200	44000
162	Dual Plate Check Valves, 2250 mm, #150	20	2250	45000
163	Dual Plate Check Valves, 2300 mm, #150	20	2300	46000
164	Dual Plate Check Valves, 2350 mm, #150	20	2350	47000
165	Dual Plate Check Valves, 2400 mm, #150	20	2400	48000
166	Dual Plate Check Valves, 2450 mm, #150	20	2450	49000
167	Dual Plate Check Valves, 2500 mm, #150	20	2500	50000





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Sr.No.	Valve Description	Design Pressure (Ps) Bar(G)	Size (DN) mm	Ps*DN
1	Axial Flow Check Valves, 40 mm, #150	20	40	800
2	Axial Flow Check Valves, 40 mm, #300	52	40	2080
3	Axial Flow Check Valves, 50 mm, #150	20	50	1000
4	Axial Flow Check Valves, 50 mm, #300	52	50	2600
5	Axial Flow Check Valves, 50 mm, #600	103	50	5150
6	Axial Flow Check Valves, 50 mm, #900	154	50	7700
7	Axial Flow Check Valves, 50 mm, #1500	256	50	12800
8	Axial Flow Check Valves, 65 mm, #150	20	65	1300
9	Axial Flow Check Valves, 65 mm, #300	52	65	3380
10	Axial Flow Check Valves, 65 mm, #600	103	65	6695
11	Axial Flow Check Valves, 65 mm, #900	154	65	10010
12	Axial Flow Check Valves, 65 mm, #1500	256	65	16640
13	Axial Flow Check Valves, 80 mm, #150	20	80	1600
14	Axial Flow Check Valves, 80 mm, #300	52	80	4160
15	Axial Flow Check Valves, 80 mm, #600	103	80	8240
16	Axial Flow Check Valves, 80 mm, #900	154	80	12320
17	Axial Flow Check Valves, 80 mm, #1500	256	80	20480
18	Axial Flow Check Valves, 100 mm, #150	20	100	2000
19	Axial Flow Check Valves, 100 mm, #300	52	100	5200
20	Axial Flow Check Valves, 100 mm, #600	103	100	10300
21	Axial Flow Check Valves, 100 mm, #900	154	100	15400
22	Axial Flow Check Valves, 100 mm, #1500	256	100	25600
23	Axial Flow Check Valves, 125 mm, #150	20	125	2500
24	Axial Flow Check Valves, 125 mm, #300	52	125	6500
25	Axial Flow Check Valves, 125 mm, #600	103	125	12875
26	Axial Flow Check Valves, 125 mm, #900	154	125	19250
27	Axial Flow Check Valves, 125 mm, #1500	256	125	32000
28	Axial Flow Check Valves, 150 mm, #150	20	150	3000
29	Axial Flow Check Valves, 150 mm, #300	52	150	7800
30	Axial Flow Check Valves, 150 mm, #600	103	150	15450
31	Axial Flow Check Valves, 150 mm, #900	154	150	23100



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Sr.No.	Valve Description	Design Pressure (Ps) Bar(G)	Size (DN) mm	Ps*DN
32	Axial Flow Check Valves, 150 mm, #1500	256	150	38400
33	Axial Flow Check Valves, 200 mm, #150	20	200	4000
34	Axial Flow Check Valves, 200 mm, #300	52	200	10400
35	Axial Flow Check Valves, 200 mm, #600	103	200	20600
36	Axial Flow Check Valves, 200 mm, #900	154	200	30800
37	Axial Flow Check Valves, 200 mm, #1500	256	200	51200
38	Axial Flow Check Valves, 250 mm, #150	20	250	5000
39	Axial Flow Check Valves, 250 mm, #300	52	250	13000
40	Axial Flow Check Valves, 250 mm, #600	103	250	25750
41	Axial Flow Check Valves, 250 mm, #900	154	250	38500
42	Axial Flow Check Valves, 250 mm, #1500	256	250	64000
43	Axial Flow Check Valves, 300 mm, #150	20	300	6000
44	Axial Flow Check Valves, 300 mm, #300	52	300	15600
45	Axial Flow Check Valves, 300 mm, #600	103	300	30900
46	Axial Flow Check Valves, 300 mm, #900	154	300	46200
47	Axial Flow Check Valves, 300 mm, #1500	256	300	76800
48	Axial Flow Check Valves, 350 mm, #150	20	350	7000
49	Axial Flow Check Valves, 350 mm, #300	52	350	18200
50	Axial Flow Check Valves, 350 mm, #600	103	350	36050
51	Axial Flow Check Valves, 350 mm, #900	154	350	53900
52	Axial Flow Check Valves, 350 mm, #1500	256	350	89600
53	Axial Flow Check Valves, 400 mm, #150	20	400	8000
54	Axial Flow Check Valves, 400 mm, #300	52	400	20800
55	Axial Flow Check Valves, 400 mm, #600	103	400	41200
56	Axial Flow Check Valves, 400 mm, #900	154	400	61600
57	Axial Flow Check Valves, 400 mm, #1500	256	400	102400
58	Axial Flow Check Valves, 450 mm, #150	20	450	9000
59	Axial Flow Check Valves, 450 mm, #300	52	450	23400
60	Axial Flow Check Valves, 450 mm, #600	103	450	46350
61	Axial Flow Check Valves, 450 mm, #900	154	450	69300
62	Axial Flow Check Valves, 450 mm, #1500	256	450	115200



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Sr.No.	Valve Description	Design Pressure (Ps) Bar(G)	Size (DN) mm	Ps*DN
63	Axial Flow Check Valves, 500 mm, #150	20	500	10000
64	Axial Flow Check Valves, 500 mm, #300	52	500	26000
65	Axial Flow Check Valves, 500 mm, #600	103	500	51500
66	Axial Flow Check Valves, 500 mm, #900	154	500	77000
67	Axial Flow Check Valves, 500 mm, #1500	256	500	128000
68	Axial Flow Check Valves, 550 mm, #150	20	550	11000
69	Axial Flow Check Valves, 550 mm, #300	52	550	28600
70	Axial Flow Check Valves, 550 mm, #600	103	550	56650
71	Axial Flow Check Valves, 550 mm, #900	154	550	84700
72	Axial Flow Check Valves, 550 mm, #1500	256	550	140800
73	Axial Flow Check Valves, 600 mm, #150	20	600	12000
74	Axial Flow Check Valves, 600 mm, #300	52	600	31200
75	Axial Flow Check Valves, 600 mm, #600	103	600	61800
76	Axial Flow Check Valves, 600 mm, #900	154	600	92400
77	Axial Flow Check Valves, 600 mm, #1500	256	600	153600
78	Axial Flow Check Valves, 650 mm, #150	20	650	13000
79	Axial Flow Check Valves, 650 mm, #300	52	650	33800
80	Axial Flow Check Valves, 650 mm, #600	103	650	66950
81	Axial Flow Check Valves, 650 mm, #900	154	650	100100
82	Axial Flow Check Valves, 700 mm, #150	20	700	14000
83	Axial Flow Check Valves, 700 mm, #300	52	700	36400
84	Axial Flow Check Valves, 700 mm, #600	103	700	72100
85	Axial Flow Check Valves, 700 mm, #900	154	700	107800
86	Axial Flow Check Valves, 750 mm, #150	20	750	15000
87	Axial Flow Check Valves, 750 mm, #300	52	750	39000
88	Axial Flow Check Valves, 750 mm, #600	103	750	77250
89	Axial Flow Check Valves, 750 mm, #900	154	750	115500
90	Axial Flow Check Valves, 800 mm, #150	20	800	16000
91	Axial Flow Check Valves, 800 mm, #300	52	800	41600
92	Axial Flow Check Valves, 800 mm, #600	103	800	82400
93	Axial Flow Check Valves, 800 mm, #900	154	800	123200



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Sr.No.	Valve Description	Design Pressure (Ps) Bar(G)	Size (DN) mm	Ps*DN
94	Axial Flow Check Valves, 850 mm, #150	20	850	17000
95	Axial Flow Check Valves, 850 mm, #300	52	850	44200
96	Axial Flow Check Valves, 850 mm, #600	103	850	87550
97	Axial Flow Check Valves, 850 mm, #900	154	850	130900
98	Axial Flow Check Valves, 900 mm, #150	20	900	18000
99	Axial Flow Check Valves, 900 mm, #300	52	900	46800
100	Axial Flow Check Valves, 900 mm, #600	103	900	92700
101	Axial Flow Check Valves, 900 mm, #900	154	900	138600
102	Axial Flow Check Valves, 1000 mm, #150	20	1000	20000
103	Axial Flow Check Valves, 1000 mm, #300	52	1000	52000
104	Axial Flow Check Valves, 1000 mm, #600	103	1000	103000
105	Axial Flow Check Valves, 1000 mm, #900	154	1000	154000
106	Axial Flow Check Valves, 1050 mm, #150	20	1050	21000
107	Axial Flow Check Valves, 1050 mm, #300	52	1050	54600
108	Axial Flow Check Valves, 1050 mm, #600	103	1050	108150
109	Axial Flow Check Valves, 1050 mm, #900	154	1050	161700
110	Axial Flow Check Valves, 1200 mm, #150	20	1200	24000
111	Axial Flow Check Valves, 1200 mm, #300	52	1200	62400
112	Axial Flow Check Valves, 1200 mm, #600	103	1200	123600
113	Axial Flow Check Valves, 1200 mm, #900	154	1200	184800
114	Axial Flow Check Valves, 1250 mm, #150	20	1250	25000
115	Axial Flow Check Valves, 1250 mm, #300	52	1250	65000
116	Axial Flow Check Valves, 1300 mm, #150	20	1300	26000
117	Axial Flow Check Valves, 1300 mm, #300	52	1300	67600
118	Axial Flow Check Valves, 1350 mm, #150	20	1350	27000
119	Axial Flow Check Valves, 1350 mm, #300	52	1350	70200
120	Axial Flow Check Valves, 1400 mm, #150	20	1400	28000
121	Axial Flow Check Valves, 1400 mm, #300	52	1400	72800
122	Axial Flow Check Valves, 1450 mm, #150	20	1450	29000
123	Axial Flow Check Valves, 1450 mm, #300	52	1450	75400
124	Axial Flow Check Valves, 1500 mm, #150	20	1500	30000



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<b>Sr.No.</b>	<b>Valve Description</b>	<b>Design Pressure (Ps) Bar(G)</b>	<b>Size (DN) mm</b>	<b>Ps*DN</b>
125	Axial Flow Check Valves, 1500 mm, #300	52	1500	78000
126	Axial Flow Check Valves, 1600 mm, #150	20	1600	32000
127	Axial Flow Check Valves, 1600 mm, #300	52	1600	83200

**Note –**

- 1) Applicable for Group 1 & Group 2 fluids (Gas & Liquid) & pressure equipment category from I to III only.**
- 2) Pressure equipment with SEP category, shall not bear CE marking as per PED.**
- 3) Pressure equipment with category IV are not considered in above table. In this case Notified body shall be involved for additional scope.**