



**Wafer-style intermediate installation butterfly valve type 145 PVC-U**  
**With electric actuator 24V**  
**Without manual override**  
**Flange standard metric/ANSI/BS/JIS**

**Model:**

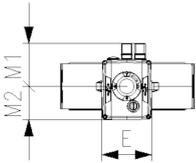
- Voltage 24V AC/DC
- Factory set control range 90°<
- Heating element, position feedback (Open/Close/ Middle)
- Overall length according to EN 558, ISO 5752 (DN50-200 line 25, DN250-300 line 16)
- Connecting dimension: ISO 7005 PN 10, EN 1092 PN 10, DIN 2501 PN 10, ANSI/ASME B 16.5 Class 150, BS 1560: 1989, BS 4504, JIS B 2220

**Option:**

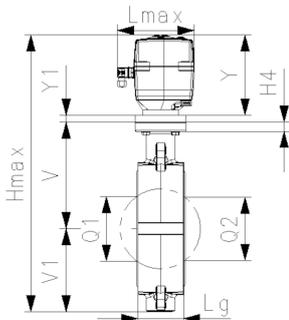
- Other valve and actuator configurations available
- Optional accessories: Fail-safe return unit, Monitoring board, Position controller, Profibus DP board

**Note:**

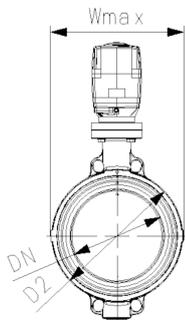
For some material combination (e.g. DN300 valves with PE/PP pipes) special flange adapters are needed. Please check the "Perfect flange connection tool" on [www.gfps.com](http://www.gfps.com)



d (mm)	Size (inch)	DN (mm)	PN (bar)	kv-value ( $\Delta p=1$ bar) (l/min)	EPDM Code	Weight (kg)	FKM Code	Weight (kg)
63	2	50	10	740	199 145 122	4.178	199 145 142	5.073
75	2 ½	65	10	1500	199 145 123	4.281	199 145 143	5.073
90	3	80	10	2400	199 145 124	4.660	199 145 144	5.073
110	4	100	10	3800	199 145 125	5.252	199 145 145	5.073
140	5	125	10	8600	199 145 126	5.793	199 145 146	4.286
160	6	150	10	11400	199 145 127	6.631	199 145 147	4.182
225	8	200	10	19900	199 145 128	12.606	199 145 148	12.634
280	10	250	6	34000	199 145 129	14.334	199 145 149	14.334
315	12	300	4	50000	199 145 130	19.546	199 145 150	19.546



d (mm)	Hmax (mm)	Lmax (mm)	Wmax (mm)	U (mm)	V (mm)	H4 (mm)	V1 (mm)	Lg (mm)	D2 (mm)	Q1 (mm)	Q2 (mm)	Y (mm)	E (mm)	Y1 (mm)
63	393.3	190	118.4	90	133.3	23	78.8	45	104	40		166.2	122.3	15
75	406.2	190	132.5	90	139.9	23	85.1	46	115	54	35	166.2	122.3	15
90	426.1	190	136.8	90	145.6	23	91.2	49	131	67	50	189.3	122.3	
110	461.4	190	161.0	90	166.4	23	105.7	56	161	88	74	189.3	122.3	
140	488.1	190	187.0	90	180.0	23	118.8	64	187	113	97	189.3	122.3	
160	509.2	190	215.0	90	189.0	23	130.9	72	215	139	123	189.3	122.3	
225	568.1	190	267.0	90	210.5	23	158.3	73	267	178	169	199.3	122.3	
280	685.0	190	329.0	125	262.6	23	206.1	113	329	210	207	199.3	122.3	17
315	729.4	190	380.4	125	284.3	23	228.8	113	379	256	253	199.3	122.3	17



d (mm)	M1 (mm)	M2 (mm)
63	107.3	82.7
75	107.3	82.7
90	107.3	82.7
110	107.3	82.7
140	107.3	82.7
160	107.3	82.7
225	107.3	82.7
280	107.3	82.7
315	107.3	82.7

# Data sheet

valid from: 2/8/25

---



The technical data are not binding. They neither constitute expressly warranted characteristics nor guaranteed properties nor a guaranteed durability. They are subject to modification. Our General Terms of Sale apply.

Georg Fischer Piping Systems Ltd, Postfach, CH-8201 Schaffhausen/Switzerland Phone +41 -(0)52-631 1111 e-mail:  
info.ps@georgfischer.com Internet: <http://www.gfps.com>