



**Diaphragm valve DIASTAR Ten PVC-U
FC (Fail safe to close)
With backing flanges PVC-U metric/BS**

Model:

- Double flow rate compared to predecessor
- One housing nut replaces four screws
- Rotating air connection at 90° intervals
- Flat sealing faces
- Overall length EN 558
- Connecting dimension: ISO 7005 PN 10, EN 1092 PN 10, DIN 2501 PN 10, BS 4504 PN 10

Option:

- Individual configuration of the valve
- Comprehensive range of accessories available

* PN: PTFE

Working Pressure: **one side**

* O-Ring material: FKM

d (mm)	DN (mm)	Size (inch)	PN (psi)	PN (bar)	kv-value (Δp=1 bar) (L/min)	EPDM Code	SP	Weight (kg)
20	15	½	150	10	125	161 627 012	1	0.657
25	20	¾	150	10	271	161 627 013	1	1.240
32	25	1	150	10	481	161 627 014	1	1.549
40	32	1 ¼	150	10	759	161 627 015	1	2.570
50	40	1 ½	150	10	1263	161 627 016	1	4.277
63	50	2	150/90*	6	1728	161 627 017	1	5.188

d (mm)	FKM Code	SP	Weight (kg)	PTFE/ EPDM* Code	SP	Weight (kg)
20	161 627 062	1	0.687	161 627 032	1	0.654
25	161 627 063	1	1.255	161 627 033	1	1.246
32	161 627 064	1	1.530	161 627 034	1	1.562
40	161 627 065	1	2.141	161 627 035	1	2.161
50	161 627 066	1	4.156	161 627 036	1	4.302
63	161 627 067	1	5.087	161 627 037	1	5.115

d (mm)	D (mm)	D1_G (inch)	D3 (mm)	D4 (mm)	D5 (mm)	H (mm)	H1 (mm)	H2 (mm)	H3 (mm)	H4 (mm)	H5 (mm)	H7 (mm)	L (mm)	L2 (mm)	M
20	68	¼	95	65	14	101	14	12	60	24	16	43	130	25	M6
25	96	⅜	105	75	14	132	18	12	73	25	16	57	150	25	M6
32	96	⅜	115	85	14	143	22	12	84	25	16	57	160	25	M6
40	120	½	140	100	18	173	26	15	99	26	26	69	180	45	M8
50	150	⅝	150	110	18	193	32	15	119	36	26	88	200	45	M8
63	150	⅝	165	125	18	205	39	15	132	36	26	88	230	45	M8

d (mm)	Lift = Hx (mm)	closest inch (inch)
20	7	½
25	10	¾
32	13	1
40	15	1 ¼
50	19	1 ½
63	23	2

Data sheet

valid from: 4/5/26



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>