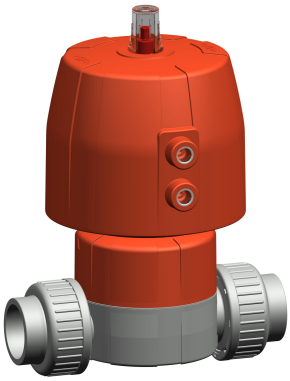
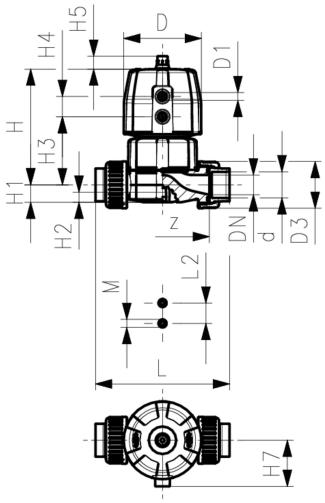
Data sheet

valid from: 4/6/26





Diaphragm valve DIASTAR Ten PVC-C
FO (Fail safe to open)
Unions with solvent cement sockets metric

Model:

- Double flow rate compared to predecessor
- One housing nut replaces four screws
- Rotating air connection at 90° intervals
- For easy installation and removal
- Short overall length

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 (bar)	PN* (bar)	kv-value (Δp=1 bar) (l/min)	EPDM Code	SP	Weight (kg)
20	15	½	10	10*	125	**163 644 012**	1	0.554
25	20	¾	10	10*	271	**163 644 013**	1	0.968
32	25	1	10	10*	481	**163 644 014**	1	1.194
40	32	1 ¼	10	10*	759	**163 644 015**	1	1.945
50	40	1 ½	10	10*	1263	**163 644 016**	1	3.326
63	50	2	10	10*	1728	**163 644 017**	1	4.011

d (mm)	PTFE/ EPDM* Code	SP	Weight (kg)
20	**163 644 032**	1	0.562
25	**163 644 033**	1	0.979
32	**163 644 034**	1	1.213
40	**163 644 035**	1	1.965
50	**163 644 036**	1	3.870
63	**163 644 037**	1	4.830

d (mm)	D (mm)	D1_G (inch)	H (mm)	H1 (mm)	H2 (mm)	H3 (mm)	H4 (mm)	H5 (mm)	H7 (mm)	L (mm)	L2 (mm)	M	z (mm)	Lift = Hx (mm)
20	68	⅛	101	14	12	60	24	16	43	128	25	M6	96	7
25	96	⅛	132	18	12	73	25	16	57	152	25	M6	114	10
32	96	⅛	143	22	12	84	25	16	57	166	25	M6	122	13
40	120	⅛	173	26	15	99	26	26	69	192	45	M8	140	15
50	150	¼	214	32	15	119	36	26	88	222	45	M8	160	19
63	150	¼	226	39	15	132	36	26	88	266	45	M8	190	23

d (mm)	closest inch (inch)
20	½
25	¾
32	1
40	1 ¼
50	1 ½
63	2

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/SwitzerlandPhone +41 -(0)52-631 1111e-mail: info.ps@georgfischer.comInternet: http://www.gfps.com