

**Diaphragm valve DIASTAR Ten PVC-U  
FC (Fail safe to close)  
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

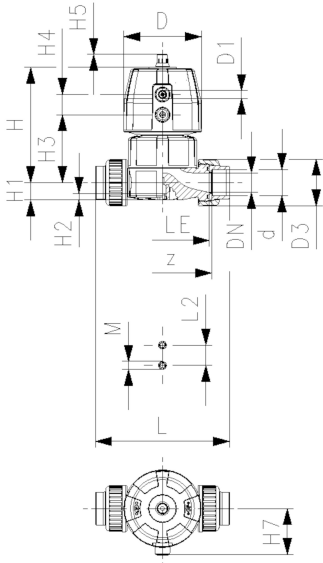
**Option:**

- 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)
16	10	3/8	10	10*	125	161 624 011	1	0.567
20	15	1/2	10	10*	125	161 624 012	1	0.592
25	20	3/4	10	10*	271	161 624 013	1	1.104
32	25	1	10	10*	481	161 624 014	1	1.337
40	32	1 1/4	10	10*	759	161 624 015	1	2.358
50	40	1 1/2	10	10*	1263	161 624 016	1	3.928
63	50	2	10	6*	1728	161 624 017	1	5.524

d (mm)	FKM Code	SP	Weight (kg)	PTFE/ EPDM* Code	SP	Weight (kg)
16	161 624 061	1	0.592	161 624 031	1	0.573
20	161 624 062	1	0.592	161 624 032	1	0.602
25	161 624 063	1	1.121	161 624 033	1	1.111
32	161 624 064	1	1.347	161 624 034	1	1.352
40	161 624 065	1	2.216	161 624 035	1	2.236
50	161 624 066	1	3.804	161 624 036	1	3.958
63	161 624 067	1	4.683	161 624 037	1	4.643

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)
16	68	3/8	101	14	12	60	24	16	43	170	25	M6	142	7
20	68	1/2	101	14	12	60	24	16	43	128	25	M6	96	7
25	96	3/4	132	18	12	73	25	16	57	152	25	M6	114	10
32	96	1	143	22	12	84	25	16	57	166	25	M6	122	13
40	120	1 1/4	173	26	15	99	26	26	69	192	45	M8	140	15
50	150	1 1/2	214	32	15	119	36	26	88	222	45	M8	160	19
63	150	2	226	39	15	132	36	26	88	266	45	M8	190	23

d (mm)	closest inch (inch)	LE (mm)
16	3/8	90
20	1/2	90
25	3/4	90
32	1	116
40	1 1/4	134
50	1 1/2	154
63	2	184

# Data sheet

valid from: 1/29/26

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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.

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