

SYGEF Standard
Diaphragm valve DIASTAR Ten
FC (Fail safe to close)
With backing flanges PP-V Inch ANSI

Model:

- Material: PVDF
- Double flow rate compared to predecessor
- One housing nut replaces four screws
- Rotating air connection at 90° intervals
- Flat sealing faces/serrated
- Overall length EN 558
- Connecting dimension: ANSI/ASME B 16.5 class 150, ASTM D 4024, BS 1560, BS EN 1759

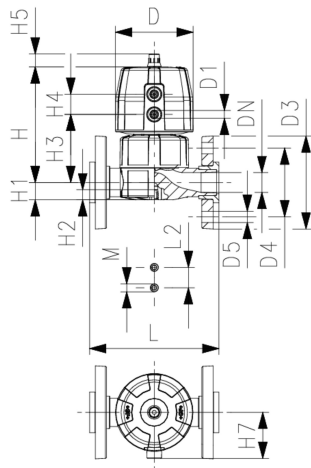
Option:

- Individual configuration of the valve (see diagram)
- Comprehensive range of accessories available

* PN: PTFE

Working Pressure: **one side**

* O-Ring material: FKM



Size (inch)	DN (mm)	PN* (bar)	kv-value (Δp=1 bar) (l/min)	PTFE/EPDM Code	SP	Weight (kg)	PTFE/FKM Code	SP	Weight (kg)
½	15	10/10*	125	185 627 732	1	0.870	185 627 752	1	0.870
¾	20	10/10*	271	185 627 733	1	1.473	185 627 753	1	1.473
1	25	10/10*	481	185 627 734	1	1.791	185 627 754	1	1.791
1 ¼	32	10/10*	759	185 627 735	1	2.854	185 627 755	1	2.854
1 ½	40	10/10*	1263	185 627 736	1	4.481	185 627 756	1	4.481
2	50	10/6*	1728	185 627 737	1	5.762	185 627 757	1	5.762

Size (inch)	FKM Code
½	185 627 762
¾	185 627 763
1	185 627 764
1 ¼	185 627 765
1 ½	185 627 766
2	185 627 767

Size (inch)	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
½	68	⅝	95	60	16	101	14	12	60	24	16	43	130	25	M6
¾	96	⅞	105	70	16	132	18	12	73	25	16	57	150	25	M6
1	96	⅞	115	79	16	143	22	12	84	25	16	69	160	25	M6
1 ¼	120	⅞	140	89	16	173	26	15	99	26	26	69	180	45	M8
1 ½	150	⅞	150	98	16	193	32	15	119	36	26	88	200	45	M8
2	150	⅞	165	121	19	205	39	15	132	36	26	88	230	45	M8

Size (inch)	Lift = Hx (mm)
½	7
¾	10
1	13
1 ¼	15
1 ½	19
2	23

Data sheet



valid from: 2/7/25

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.

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