



**SYGEF Standard Diaphragm valve DIASTAR Ten FC (Fail safe to close)**  
**Unions with butt fusion spigots metric**

**Model:**

- Material: PVDF
- 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)	PN* (bar)	kv-value ( $\Delta p=1$ bar) (l/min)	PTFE/ EPDM* Code	SP	Weight (kg)	PTFE/FKM* Code	SP	Weight (kg)
20	15	10/10*	125	<b>185 624 132</b>	1	0.630	<b>185 624 152</b>	1	1.100
25	20	10/10*	271	<b>185 624 133</b>	1	1.405	<b>185 624 153</b>	1	1.760
32	25	10/10*	481	<b>185 624 134</b>	1	1.515	<b>185 624 154</b>	1	2.610
40	32	10/10*	759	<b>185 624 135</b>	1	2.570	<b>185 624 155</b>	1	3.760
50	40	10/10*	1263	<b>185 624 136</b>	1	4.697	<b>185 624 156</b>	1	6.220
63	50	10/6*	1728	<b>185 624 137</b>	1	5.327	<b>185 624 157</b>	1	7.800

d (mm)	FKM Code
20	<b>185 624 162</b>
25	<b>185 624 163</b>
32	<b>185 624 164</b>
40	<b>185 624 165</b>
50	<b>185 624 166</b>
63	<b>185 624 167</b>

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	e (mm)	Lift = Hx (mm)
20	68	⅜	101	14	12	60	24	16	43	196	25	M6	1.9	7
25	96	⅜	132	18	12	73	25	16	57	221	25	M6	1.9	10
32	96	⅝	143	22	12	84	25	16	57	234	25	M6	2.4	13
40	120	⅝	173	26	15	99	26	26	69	260	45	M8	2.4	15
50	150	¾	214	32	15	119	36	26	88	284	45	M8	3.0	19
63	150	¾	226	39	15	132	36	26	88	321	45	M8	3.0	23

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

# Data sheet



valid from: 2/7/25

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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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