



SYGEF Standard Ball valve type 181
100-230V
With manual emergency override
With fusion sockets PVDF ISO

Model:

- IP68 Rating
- Factory set control range 90°<
- Heating element, position feedback (Open/Close/ Middle)
- Integrated stainless steel mounting inserts

Option:

- Other valve and actuator configurations available
- Optional accessories: Monitoring board, Positioner, Profibus DP board, Modbus TCP EA 25-250 Ethernet Interface Card

d (mm)	DN (mm)	Size (inch)	PN (bar)	kv-value ($\Delta p=1$ bar) (l/min)	FKM Code	Weight (kg)
16	10	3/8	10	70	199 181 012	2.100
20	15	1/2	10	185	199 181 013	2.100
25	20	3/4	10	350	199 181 014	2.200
32	25	1	10	700	199 181 015	2.300
40	32	1 1/4	10	1000	199 181 016	2.600
50	40	1 1/2	10	1600	199 181 017	3.000
63	50	2	10	3100	199 181 018	3.800
75	65	2 1/2	10	5000	199 181 019	8.800
90	80	3	10	7000	199 181 020	10.710
110	100	4	10	11000	199 181 021	17.500

d (mm)	G (mm)	H (mm)	H1 (mm)	H4 (mm)	Lz (mm)	M (mm)	M1 (mm)	M2 (mm)	L (mm)	L1 (mm)	Actuator	B3 (mm)	z (mm)	DE1 (mm)	E (mm)
16	M6	227	27	12	28	180	97	83	93	33	EA25	25	67	50	122
20	M6	227	27	12	28	180	97	83	95	33	EA25	25	66	50	122
25	M6	231	30	12	33	180	97	83	109	33	EA25	25	77	58	122
32	M6	237	36	12	36	180	97	83	119	33	EA25	25	83	68	122
40	M8	243	44	15	43	180	97	83	135	33	EA25	45	99	84	122
50	M8	249	51	15	45	180	97	83	147	33	EA25	45	105	97	122
63	M8	264	64	15	51	180	97	83	168	33	EA25	45	117	124	122
75	M8	313	85	15	68	180	98	82	233	33	EA45	70	167	166	122
90	M8	325	105	15	71	180	98	82	254	33	EA45	70	180	200	122
110	M12	363	123	22	82	180	98	82	301	33	EA120	120	215	238	122

Data sheet



valid from: 2/8/25

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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