



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)	Actuator	B3 (mm)	DE1 (mm)	E (mm)	G (mm)	H (mm)	H1 (mm)	H4 (mm)	L (mm)	L1 (mm)	L2 (mm)	M (mm)	M1 (mm)	M2 (mm)	z (mm)
16	EA25	25	50	122	M6	227	27	12	93	33	28	180	97	83	67
20	EA25	25	50	122	M6	227	27	12	95	33	28	180	97	83	66
25	EA25	25	58	122	M6	231	30	12	109	33	33	180	97	83	77
32	EA25	25	68	122	M6	237	36	12	119	33	36	180	97	83	83
40	EA25	45	84	122	M8	243	44	15	135	33	43	180	97	83	99
50	EA25	45	97	122	M8	249	51	15	147	33	45	180	97	83	105
63	EA25	45	124	122	M8	264	64	15	168	33	51	180	97	83	117
75	EA45	70	166	122	M8	313	85	15	233	33	68	180	98	82	167
90	EA45	70	200	122	M8	325	105	15	254	33	71	180	98	82	180
110	EA120	120	238	122	M12	363	123	22	301	33	82	180	98	82	215

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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