

MINI MOTORIZED VALVE RMEA S9190

Features

- Mini dimension suits for small equipment
- Patented technology - floating seal structure
- Long service life - 70000 - 100000 circles
- Low working current, suitable for battery driving
- Manual override is safe and convenient
- IP67 Enclosure

Applications

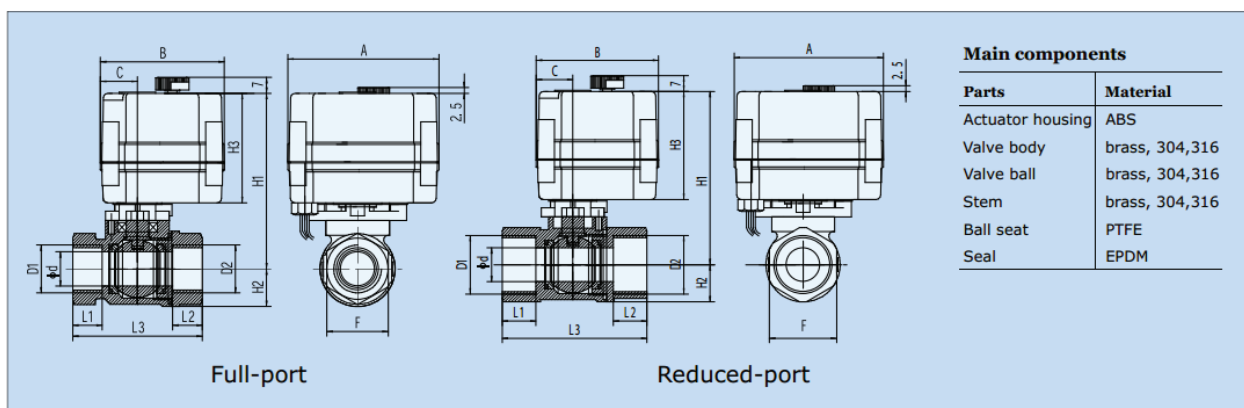
- HVAC
- Water treatment
- Chemical process
- Small equipment for automatic control
- Replacing solenoid valve , particularly when solenoid cannot work reliably



Technical Parameters:

Series	Max Torque	Operating Time	Working Voltage	Max Power	Enclosure	Max Pressure	Medium Temperature	Ambient Temperature	Humidity
RMEA	2N.M	5-7S	5V	3W	IP67	1.6 Mpa	0-100 °C	-20 °C<t<45°C	<95 %
			12V, 24 V	4W					
			110V, 220 V	5W					

Dimension:

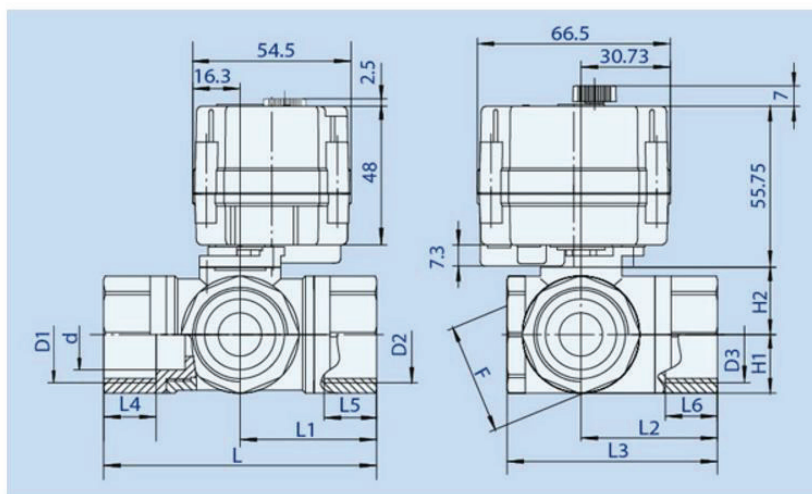


Full Port Ball Valve Connection Size

DN	D1/D2	d	L1/L2	L3	F	A	B	C	H3	H2	H1	W (kg)
DN8	G1/4"	8	11	43	17	66.5	54.5	16.3	48	11	74	0.26
DN15	G1/2"	15	13	57	27	66.5	54.5	16.3	48	16.5	77	0.37
DN20	G3/4"	20	16	70	32	66.5	54.5	16.3	48	21.5	81	0.52

Reduced Port Ball Valve Connection Size

DN	D1/D2	d	L1/L2	L3	F	A	B	C	H3	H2	H1	W (kg)
DN20	G3/4"	15	15	64.5	30	66.5	54.5	16.3	48	16.5	77	0.37
DN25	G1"	20	18	76	38	66.5	54.5	16.3	48	21.5	81	0.52



Main Components

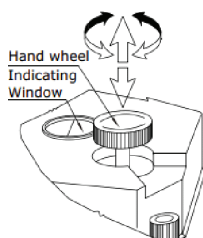
Parts	Material
Actuator Housing	ABS
Valve Body	Brass with nickel plating, 304, 316
Valve Ball	Brass with chrome plating, 304, 316
Stem	Brass, 304, 316
Ball Seat	PTFE
Seal	EPDM, FPM, SI

Technical Parameters:

Series	Max Torque	Operating Time	Working Voltage	Max Power	Enclosure	Max Pressure	Medium Temperature	Ambient Temperature	Humidity
	2N.M	about 5s	5V	3W	IP67	1.0 Mpa	0-100 °C	-20 °C<t<45°C	<85 % non-condensing
			12V, 24 V	4W					
			110V, 220 V	5W					

Connection Size

DN	D1/D2	d	L1/L2	L3	L4/L5/L6	L	H1	H2	F	W (kg)
DN8	G1/4"	6	25	38.5	11.7	50	11	18.25	17	0.26
DN10	G3/8"	8	27.5	44	13	55	13	19.25	20	0.31
DN15	G1/2"	12	33.5	54.5	15	67	17	21.25	27	0.37
DN20	G3/4"	15	38.5	64	15	77	20.3	23.25	31	0.52
DN25	G1"	15	47	72.5	18	94	20.3	23.25	38	0.84



Instructions for Manual override:

- It is only permitted to use when power is cut.
- Lift the hand - wheel, and turn it left or right until the valve is in place.
- When the black line on the indicator is horizontal, the valve is on; when vertical, the valve is off.
- Press down hand- wheel after using manual override in order to work properly when power is supplied.