

Construction features

- Body material: stainless steel AISI 316
- Protection gear case material: aluminium
- Joints material: stainless steel AISI 316, phosphor bronze balls mounted with greasers
- UNI/DIN or ANSI flange material: Stainless steel
- Design pressure: 16 bar
- Minimum working pressure: 2,5 bar
- Maximum working pressure (advised): 12 bar
- Rotation angle: maximum 340°
- Rotation speed: 16°/sec
- Horizontal and vertical movement driven by geared electric motors, hand-wheel for manual operation provided; end switch safety clutch
- Electric motors: 3 phase 230V/400V–0,18kW–IP55
- Required electrical power: 0,36 kW
- Finish: red epoxy paint (RAL 3000)

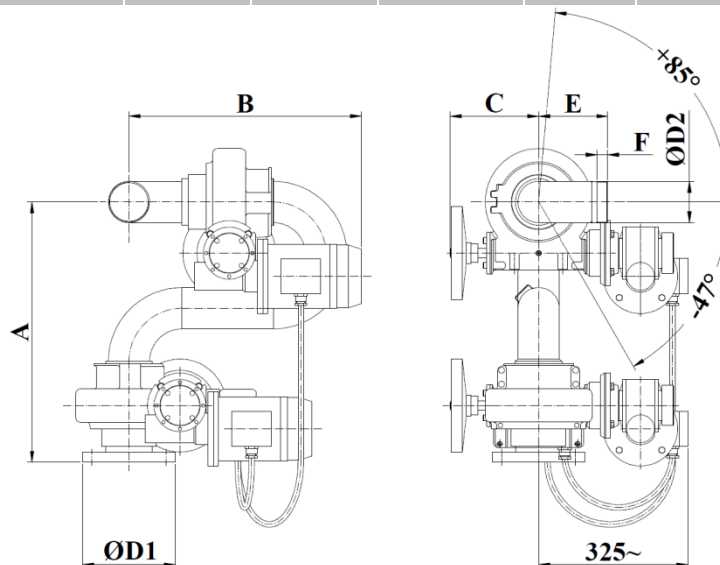


Optional

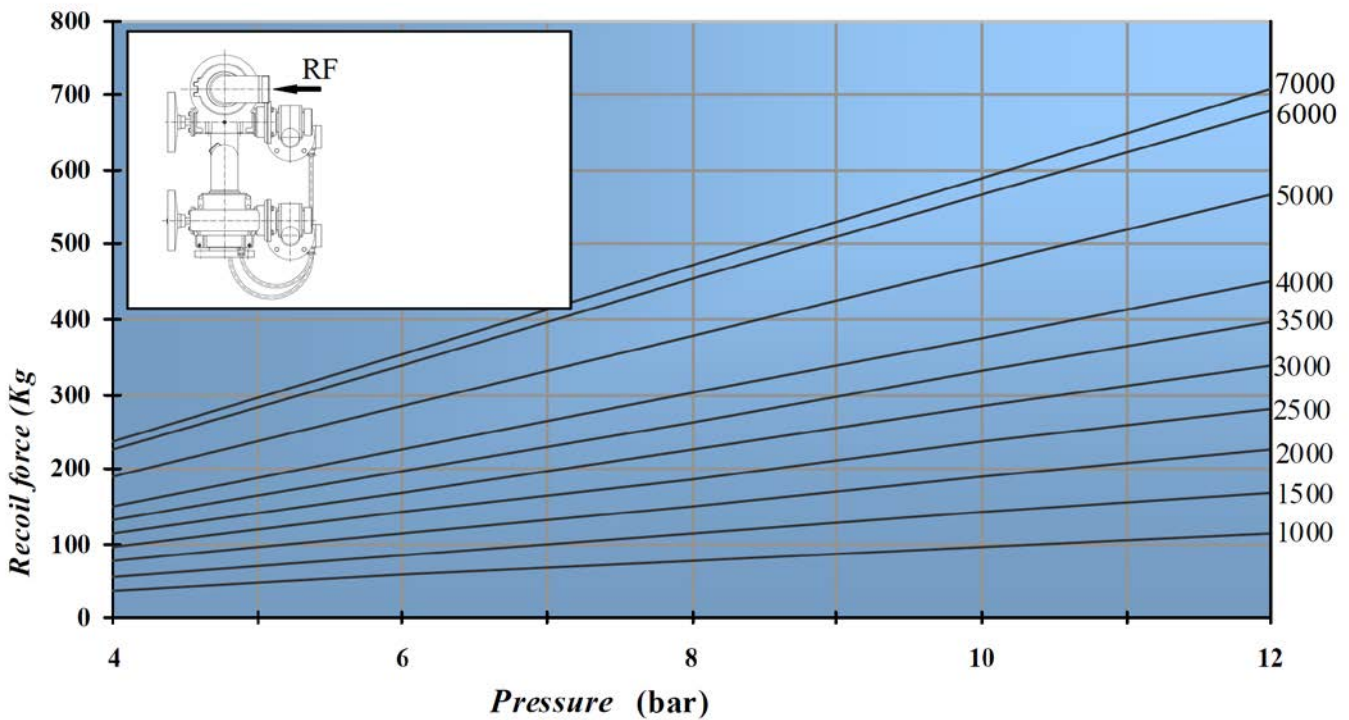
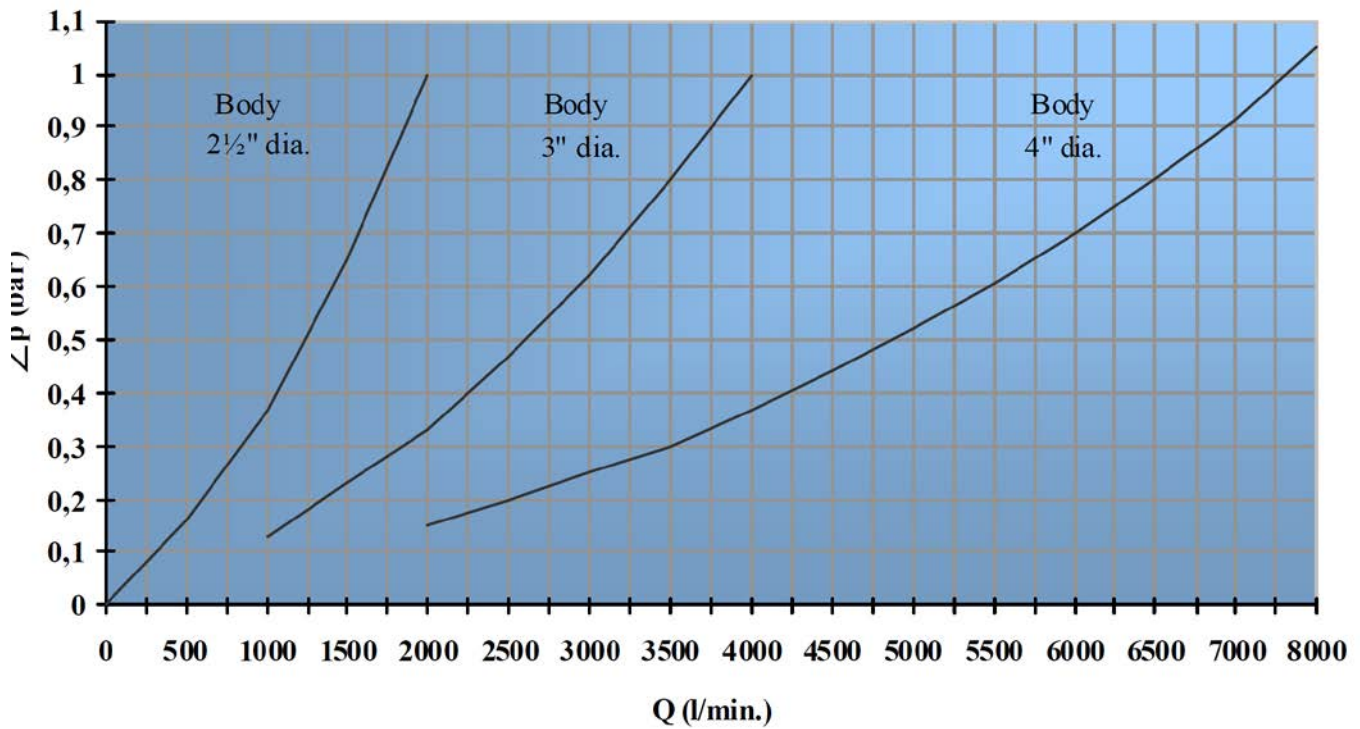
- Different elevation and rotation angles
- Inlet flange material: stainless steel AISI 316
- Different inlet flange sizes
- Safety hand wheel
- End-stroke switch
- Explosion-proof versions
- Three or single-phase electric motors with different voltages
- Hydraulic and/or functional test witnessed

Technical data

Model	Ø waterway	A	B	C	Ø D1	Ø D2 BSP	E	F	Max Flow rate	Weight
E 3	3"	600 mm	500 mm	210 mm	3"/DN80	3"	150 mm	23 mm	4000 l/min	70 kg
E 4	4"	710 mm	545 mm	210 mm	4"/DN100	4"	200 mm	25 mm	8000 l/min	80 kg



Pressure loss



NOTE: The diagram shows the recoil force of Fomtec water/foam branch pipes and nozzles.

Fomtec Model ECP-monitor control panel

Constructional features

Cabinet of self-standing type
 Carbon steel cabinet painted gray RA 7035
 Ingress protection: IP55(standard)
 Power supply: 400 Vac @ 50 Hz, 3-ph.+N (other available)
 Typical configuration (for “N” monitors):

- Main power switch with door-interlock
- No. 1 Power Supply LED with SPDT NO/NC contact
- No. “N” two-axis/ four positions joystick
- No. “N” two-positions selectors with LED to operate deluge/MOV valves
- No. “N” two-positions selectors with LED for adjusting full fog jet pattern
- No. “N” General Fault LED (motors Thermal Fault) with SPDT contacts
- No. 1 emergency stop push button mushroom type



Showing: standard cabinet

Optional features

- ATEX execution Atex II2GD Exd II BT5 ExtD A2I IP66 T100°C
- PLC for managing monitor’s automatic motions
- Self-learning routine for automatic cycles
- “Touch screen” display for controlling and visualization
- Wireless transmitter/receiver, standard and ATEX cofifuration
- Custom power supply



Optional: Wireless controller

Dimensions

Qty of monitors	Type of control	DIMENSIONS(*)		
		Width (mm)	Depth (mm)	Height (mm)
1	Vertical, horizontal, valve	600	400	1000
1	Vertical, horizontal, valve, nozzle	600	400	1000
2	Vertical, horizontal, valve	800	400	1000
2	Vertical, horizontal, valve, nozzle	800	400	1000
3	Vertical, horizontal, valve	800	400	1000
3	Vertical, horizontal, valve, nozzle	800	400	1000
4	Vertical, horizontal, valve	800	400	1000
4	Vertical, horizontal, valve, nozzle	1000	400	1000
5	Vertical, horizontal, valve	1000	400	1000
5	Vertical, horizontal, valve, nozzle	1200	400	1000
6	Vertical, horizontal, valve	1000	400	1000
6	Vertical, horizontal, valve, nozzle	1200	400	1000
*standard				