

QF150S

Quaternary Diaphragm Pumps

Multiple-Use

- New version with 90W motor
- Integrated controller
- Digital key pad for manual operation
- Small and portable format
- Ideal for R&D and process development

Technical Data

QF150S Standard Motor		
Flow Rate Maximum:	Eccentric Shaft 5°	180 lph (3 lpm)
Flow Rate Minimum:	Eccentric Shaft 5°	1 lph (0.017 lpm)
Pressure:	Temperature of Fluid < 40° C (104° F)	6 bar (87 psi)
	Temperature of Fluid > 40° C (104° F)	4 bar (58 psi)
Maximum Temperature:	Fluid	80° C (176° F)
	CIP	90° C (194° F)
	SIP	130° C (266° F)
	Autoclave	130° C (266° F)
Suction Lift Dry at 3000 rpm:	Eccentric Shaft 5°	2 - 3 m (6.6 - 9.8 ft)
Volume Specifications:	Approximated Volume per Revolution at Free Output	1.2 ml
	Filling Volume Without Connectors	15 ml
Connection Specification (Standard):	Connectors	1/4" TC
	Position of Connectors	Inline
	Number of Flow Directions	4
Product Wetted Materials (Standard):	Pump Housing	SS316L
	Valve Plate	SS316L
	Diaphragms	TPE
	Valves	EPDM
	O-rings	EPDM
Certificates/Proofs (Optional):	Elastomere (product wetted)	USP <88> Cl. VI; FDA21CFR177; BSE/TSE Safe
	Stainless Steel Parts (product wetted)	3.1; Surface Roughness; Ferrite Content
	Rated speed	3000 min ⁻¹
Motor (Standard):	Voltage	230 V (110 V as option)
	Power	90 W
Pump Dimension with Motor and Housing:	Length	257 mm (10.12")
	Width	164 mm (6.46")
	Height	185 mm (7.28")
Pump Weight with Motor and Housing:		9 kg (20 lb)

Other connection specifications, materials and motors available on request.



Performance Charts

Eccentric Shaft: 5°

