**HIGHLIGHTS**

- Electrical insulation, class I
- ED 100%
- Diode not integrated
- Class 180° C

PRODUCT DESCRIPTION

Solenoid micro pump series E 150 comprises 7 different models, with maximum flow rate of 270 cc/min and maximum pressure 3.1 bar. These pumps are suitable for continuous working (ED 100%). The E150's are available with hose barb inlet connection, while the outlet is available both with hose barb and M10x1 thread connection.

DESCRIZIONE PRODOTTO

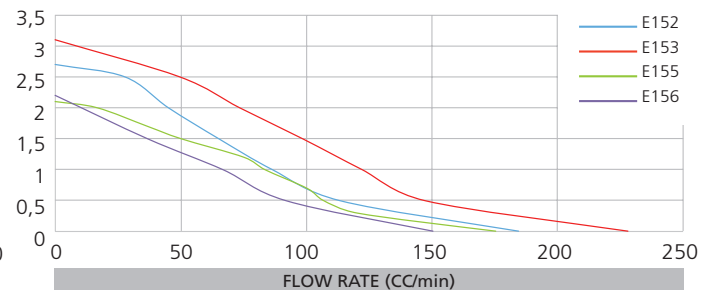
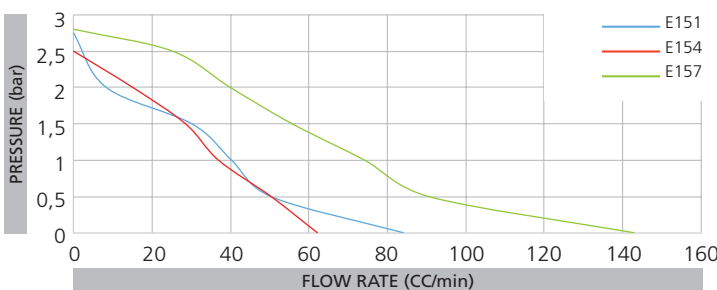
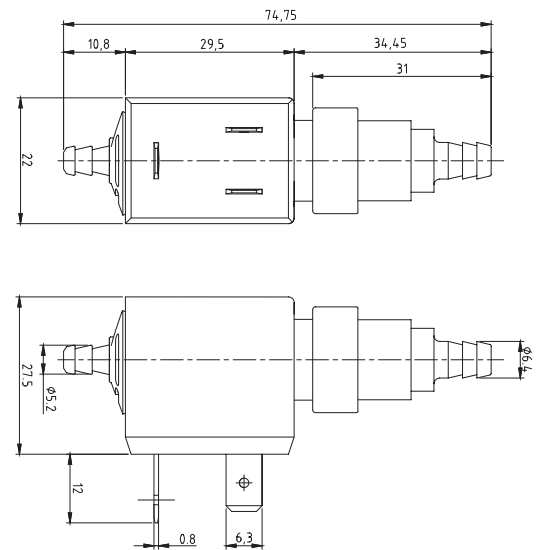
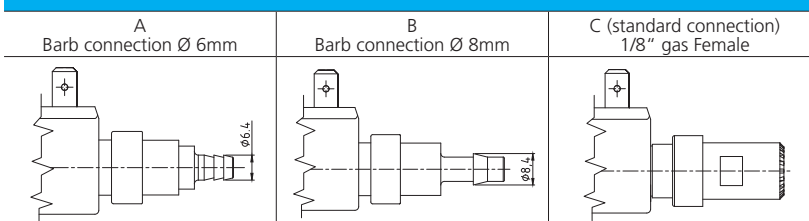
La micro pompa solenoid serie E150 include 7 diversi modelli, con portata massima di 270 cc/min e pressione massima di 3.1 bar. Queste pompe possono lavorare in continuo (ED 100%). Le E150 sono disponibili con attacco in ingresso portagomma, mentre l'uscita è disponibile sia con portagomma che con attacco filettato M10x1.

**GENERAL FEATURES / CARATTERISTICHE GENERALI**

Tube guide material / Materiale del tubo guida	PA66/PPS	
Seal material / Materiale di tenuta	EPDM + NBR or FKM	
Fluid temperature / Temp. fluido	35°C	
Ambient temperature / Temp. ambiente	80°C	
Working fluids / Applicazioni fluidi	Water	
Electrical connect. / Connes. elettrica	6,3 x 0,8 fast-on terminal	
Insulation class / Classe di isolamento	H	
Hydraulic connections / Connessione idraulica	INLET: Hose barb	OUTLET: Hose barb - M10x1
Mounting position / Posizione di fissaggio	any	

SPECIFICATIONS / CARATTERISTICHE

MODEL	Voltages	ON/OFF	Class	Coil Power Watt	Approvals
E151	230V ~ 50 Hz	ED100%	H	15W	VDE
	120V ~ 60 Hz	ED100%	H	15W	UL
E152	230V ~ 50 Hz	ED100%	H	19W	VDE
	120V ~ 60 Hz	ED100%	H	19W	UL
	24V ~ 50 Hz	ED100%	H	19W	-
	12V ~ 50 Hz	ED100%	H	19W	-
E153	230V ~ 50 Hz	ED100%	H	15W	VDE
	120V ~ 60 Hz	ED100%	H	15W	UL
E154	230V ~ 50 Hz	ED100%	H	15W	VDE
	120V ~ 60 Hz	ED100%	H	15W	UL
E155	230V ~ 50 Hz	ED100%	H	15W	VDE
	120V ~ 60 Hz	ED100%	H	15W	UL
E156	230V ~ 50 Hz	ED100%	H	11W	-
	120V ~ 60 Hz	ED100%	H	11W	-
E157	230V ~ 50 Hz	ED100%	H	19W	VDE
	120V ~ 60 Hz	ED100%	H	19W	UL
	24V ~ 50 Hz	ED100%	H	19W	-
	12V ~ 50 Hz	ED100%	H	19W	-

**HYDRAULIC CONNECTION OUTLET / Collegamento idraulico di uscita****HYDRAULIC CONNECTION INLET / Collegamento idraulico di entrata**