

552 017 - 552 010

DF50 METALLIC AND NON METALLIC PUMPS

For fluid dosing, spray, transfer, evacuation and distribution systems.
50 l/min (14 US gpm), 1/2" fluid inlet and outlet ports.

Very robust construction, the pump body is fully enclosed in a shield, except ATEX models.

MODELS AND APPLICATIONS

APPLICATION	WETTED MATERIAL	CHECK BALLS	DIAPHRAGMS	PART No.
LUBRICANTS, WASTE OIL, ANTIFREEZE AND WINDSHIELD WASH SOLUTIONS	Aluminum	Acetal	Hytrel®	552 010
ANTIFREEZE AND COOLANT SOLUTIONS, WINDSHIELD WASH SOLUTIONS, AdBlue® (DEF)	Polypropylene	PTFE	Hytrel®	552 015
PURE ETHANOL, PURE WINDSHIELD WASH (ATEX PUMP)	Conductive acetal	PTFE	PTFE	552 017

TECHNICAL DATA

Pressure ratio	1:1
Maximum free delivery (1)	50 l/min (14 US gpm)
Delivery per stroke aprox. (1)	0,1 litres (0.026 US gallons)
Air pressure operating range	3 to 7 bar (45 to 100 psi)
Solids in suspension max size	3 mm (1/8")
Max dry suction head (1)	6 m (20')
Max wet suction head (1)	8 m (26.25')
Weight	3,5 Kg (7.72 lb) (metallic) 2,8 Kg (6.17 lb) (non metallic)
Fluid inlet	1/2" NPSM (F) and flange (metallic) 1/2" BSP/NPT (F) and flange (non metallic)
Fluid outlet	1/2" NPSM (F) and flange (metallic) 1/2" BSP/NPT (F) and flange (non metallic)
Air inlet	3/8" NPSM (F)
Wetted part materials	See models and applications

(1) Data measured with water, air inlet pressure 7 bar, 20 °C.

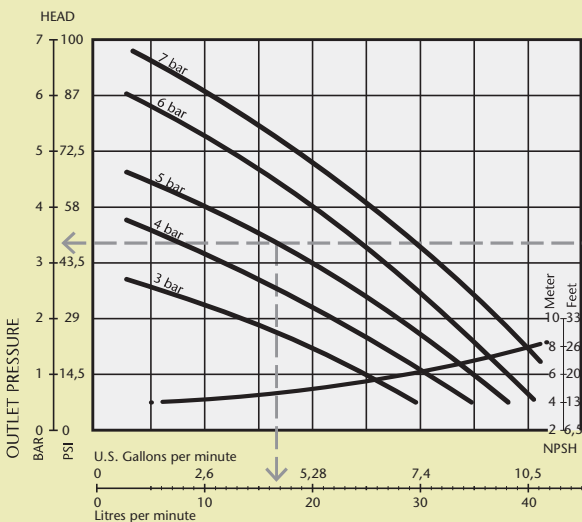
DIMENSIONS (mm)

A	B	C	D	E	F
156	160	167	105	122	8
G	I	J	K	L	
146	70	1/2" (F)	150	3/8" (F)	

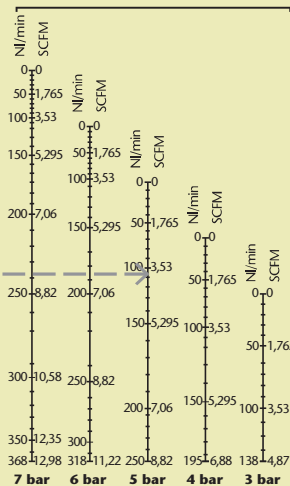


CAPACITY

Tested at room temperature, with water and flooded pump with 80 mm (3.5 inches) positive suction.



AIR CONSUMPTION



DIMENSIONS

