

Ref.: 554030

## 1 1/2" PNEUMATIC DOUBLE DIAPHRAGM PUMP, DF250, DIRECTFLO SERIES, ALUMINIUM-NBR-NBR (LUBE)

Very reliable diaphragm aluminium pumps for large volume transfer (250 l/min max.), dispensing and evacuating a variety of fluids. These pumps have an aluminium air motor. Typical applications for these pumps are transferring and dispensing of antifreeze solutions, lubricant oils, diesel and waste oil evacuation or transferring. They can be used as stand-alone pumps for transfer applications or as systems pumps in distribution systems that include hose reels. VIDEO Youtube: [https://youtu.be/b\\_O8J029PxY](https://youtu.be/b_O8J029PxY) Instruction book: 855828.



### Technical data

### Documentation

### More information

Target product type	Directflo Series Diaphragm Pumps
Pump size	1 1/2"
Pressure ratio	1:1
Maximum free flow delivery	250 l/min (66 gal/min)
Air pressure operating range	1,5-8 bar (20-120 psi)
Solids in suspension maximum size	6 mm (0,25 ")
Maximum dry suction head	5 m (16 ft)
Maximum wet suction head	8 m (26 ft)
Delivery per cycle	1,2 l (0,32 gal)
Fluid inlet	1 1/2" BSP (F) / DIN2576 PN-10 DN40
Fluid outlet	1 1/2" BSP (F) / DIN2576 PN-10 DN40
Air inlet	1/2" NPT (F)
Air exhaust port	1" BSP (F)
Sound level	80 dB
Certification	ATEX
Fluid path material	Aluminium
Diaphragms type & material	NBR
Valve seats material	Stainless steel (AISI 316)
Valve balls material	NBR
Shaft material	Stainless steel
Seals material	NBR
Other wetted materials	Stainless steel
Wetted materials	Aluminium, NBR, Stainless steel

	(AISI 316), Stainless steel
<b>Air motor material</b>	Aluminium
<b>Weight</b>	20 kg (45 lb)
<b>Compatible fluids</b>	Coolant, Oil, Diesel, Waste oil

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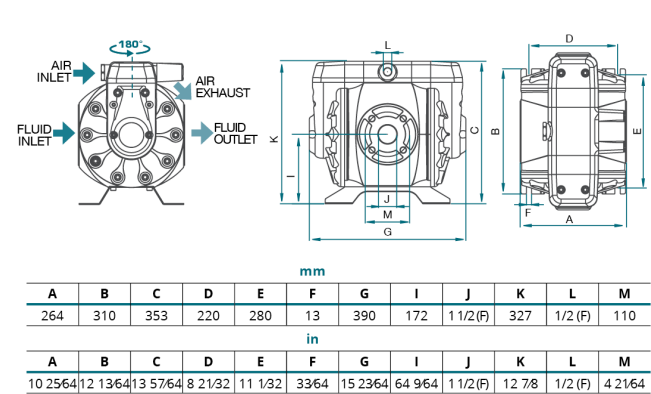
More information

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Tested at room temperature, with water and flooded pump with 800 mm (31.5 inches) height of water above the pump inlet.

