

# HAND OPERATED DIAPHRAGM

## SD

WATER • DIESEL • CHEMICAL<sup>[1]</sup>



**SD** series are push-pull, lever operated, single diaphragm, hand-pumps for drainage and transfer of water containing non-abrasive solids, oils etc. The **SD45C** is designed for mounting directly on a vertical surface (base mounting brackets are an optional extra) while the **SD60FM** can be mounted vertically or horizontally. Both have a nitrile diaphragm which will work well with white and red diesel, but for longevity (and use with bio-diesel) higher acetonitrile diaphragms can be fitted (at an extra cost). Viton®, Butyl or Neoprene diaphragms can be fitted for compatibility with chemicals\*, also at an extra cost.<sup>[1]</sup>

\*We strongly recommend that you provide our sales department with written details of your application so that the correct selection can be made.

**Operating conditions:** Max. ambient temperature: 40°C

**Fluid:** Water | Water with floating suspended debris | Diesel | Temperature: 0°C - 50°C

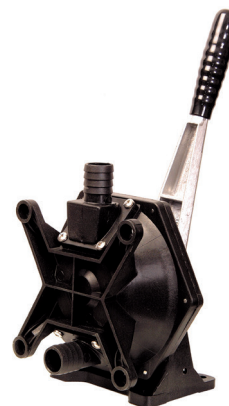
**Application:** Industry | Domestic | Utilities | Horticulture | Boating | Transfer & decanting

SD	Type	Liquids	Operation
	Metal & Plastic	Water & Diesels	Lever action

	SD60FM	SD45C
Inlet & outlet	Polypropylene	Cast aluminium
Pump body	Polypropylene	Cast aluminium
Non return valve	Nitrile rubber	Nitrile rubber
Diaphragm	Nitrile rubber	Nitrile rubber
Lever	Cast aluminium & PVC	Steel & PVC



**SD45C**



**SD60FM**

item code	model	inlet (mm)	outlet (mm)	flow (l/min)	suction lift (mtrs)	head (mtrs)	w x l x h (mm)	dry weight (kgs)
12-30-1003	SD45C	25	25	45	4.5	4.5	113x197x226	2.0
12-30-1016	SD60FM	25 & 38	25 & 38	66	6	4.5	160x175x335	0.8