

DIRECTFLO® PUMP RANGE COMPARATIVE CHART

FLUIDS HANDLED

- Lubricants.
- Antifreeze.
- Windshield wash.
- Diesel.
- AdBlue® / DEF.
- Water.
- Waste fluids.

MARKETS SERVED

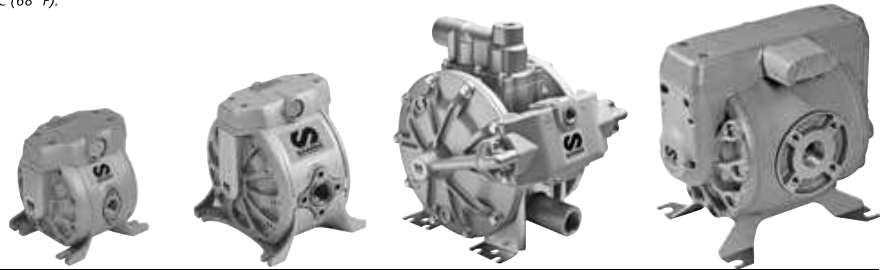
- Car and truck dealers.
- Construction, mining.
- Rail and mass transit.
- Lube trucks.
- Fleets.
- In-plant.
- Quick lubes.



POLYPROPYLENE PUMPS

DIRECTFLO® SERIES	DC20	DF30	DF50	DF100	DP200
PUMP PRESSURE RATIO	1:1	1:1	1:1	1:1	1:1
MAXIMUM FREE DELIVERY⁽¹⁾	20 l/min	38 l/min	50 l/min	100 l/min	200 l/min
DELIVERY PER STROKE APPROX.⁽¹⁾	0,03 litres	0,07 litres	0,1 litres	0,25 l	0,50 l
DELIVERY PER CYCLE (2 X STROKES)⁽¹⁾	0,06 litres	0,14 litres	0,20 litres	0,50 l	1 l
AIR PRESSURE OPERATING RANGE	1,5 to 7 bar	1,5 to 8 bar	1,5 to 8 bar	1,5 to 8 bar	1,5 to 8 bar
SOLIDS IN SUSPENSION MAXIMUM SIZE	2 mm	3 mm	3 mm	4 mm	6 mm
MAXIMUM DRY SUCTION HEAD⁽¹⁾	2 m	4 m	6 m	4.5 m	5 m
MAXIMUM WET SUCTION HEAD⁽¹⁾	7 m	8 m	8 m	7 m	8 m
WEIGHT	1,2 kg	1,9 kg	2,2 kg	5,1 kg	10,5 kg
FLUID INLET CONNECTION	Int.: 1/4" BSPP (F) Ext.: 3/4" NPT (M)	DF30: 1/2" BSP (F) DF30T: 2 x 3/8" BSP (F)	DF50: 1/2" BSP (F) DF50T: 2 x 3/8" BSP (F)	1" BSP (F)	DIN DN 25 and 1" ANSI flange
FLUID OUTLET CONNECTION	Int.: 1/4" BSPP (F) Ext.: 3/4" NPT (M)	1/2" BSP (F)	1/2" BSP (F)	1" BSP (F)	DIN DN 25 and 1" ANSI flange
AIR INLET CONNECTION	3/8" NPSM (F)	3/8" NPSM (F)	3/8" NPSM (F)	3/8" NPSM (F)	3/8" NPSM (F)

(1) Data measured with water, air inlet pressure 7 bar (100 psi), 20 °C (68 °F).



ALUMINIUM PUMPS

DIRECTFLO® SERIES	DF50	DF100	DP200	DF250
PUMP PRESSURE RATIO	1:1	1:1	1:1	1:1
MAXIMUM FREE DELIVERY⁽¹⁾	50 l/min	100 l/min	200 l/min	250 l/min
DELIVERY PER STROKE APPROX.⁽¹⁾	0,1 litres	0,25 l	0,50 l	0,6 l
DELIVERY PER CYCLE (2 X STROKES)⁽¹⁾	0,2 litres	0,5 l	1 l	1,2 l
AIR PRESSURE OPERATING RANGE	1,5 to 8 bar	1,5 to 8 bar	1,5 to 8 bar	1,5 to 8 bar
SOLIDS IN SUSPENSION MAXIMUM SIZE	3 mm	4 mm	6 mm	6 mm
MAXIMUM DRY SUCTION HEAD⁽¹⁾	6 m	4,5 m	5 m	5 m
MAXIMUM WET SUCTION HEAD⁽¹⁾	8 m	7 m	8 m	8 m
WEIGHT	3,5 kg	7,2 kg	11,5 kg	20 kg
FLUID INLET CONNECTION	1/2" NPSM (F)	1" BSP (F)	1" BSPP (F)	1 1/2" BSP (F) and DIN PN-10 flange
FLUID OUTLET CONNECTION	1/2" BSP (F)	1" BSP (F)	1" BSPP (F)	1 1/2" BSP (F) and DIN PN-10 flange
AIR INLET CONNECTION	3/8" NPSM (F)	3/8" NPSM (F)	3/8" NPSM (F)	1/2" NPSM (F)

(1) Data measured with water, air inlet pressure 7 bar (100 psi), 20 °C (68 °F).