

12 & 24 V DC ROTARY VANE PUMPS

12 and 24 VDC rotary vane pumps for diesel

Self priming pumps with self-adjustable vanes. Pump body made of cast-iron with rustproof treatment, rotor of sintered steel and vanes of acetyl resin. The pump includes a by-pass valve and a built in filter with easy access for cleaning. The pump can be mounted vertically or horizontally, has a carrying handle and 2 m cable with crocodile clamps.

- Inlet / outlet connection: 1" BSP (F) or flange coupling.
- Maximum suction lift: 2,5 m.
- Electric DC motor with IP-55 protection, allows intermittent operation duty with maximum cycles of 30 minutes.
- On/off switch and fuse.

PART No.	SUPPLY	CURRENT	POWER	PRESSURE	FLOW RATE
684 530	12 VDC	22 A	140 W	0,8 bar	40 l/min
684 451	12 VDC	38 A	220 W	0,8 bar	60 l/min
684 531	24 VDC	13 A	160 W	0,8 bar	43 l/min
684 450	24 VDC	25 A	240 W	0,8 bar	65 l/min



12 V PUMP - DIESEL TRANSFER KITS

Portable transfer kit with 12 VDC Polux Series pump, delivery hose, nozzle, meter, fittings and suction kit depending on the model. Order suction accessories separately when not included.

PART No.	PUMP	OUTLET HOSE	NOZZLE	SUCTION KIT
684 512	684 530	4 m (689 024)	Standard (361 000)	-
684 951	684 530	4 m (689 024)	Standard (361 000)	2 m (689 030)
684 514	684 530	4 m (689 024)	Standard + Meter (361 000) + (366 976)	2 m (689 030)
684 461	684 451	4 m (689 021)	Automatic (688 300)	-
684 465	684 451	4 m (689 021)	Automatic + Meter (688 300) + (366 976)	2 m (689 030)



24 V PUMP - DIESEL TRANSFER KITS

Portable transfer kit with 24 VDC Polux Series pump, delivery hose, nozzle, meter, fittings and suction kit depending on the model. Order suction accessories separately when not included.

PART No.	PUMP	OUTLET HOSE	NOZZLE	SUCTION KIT
684 524	684 531	4 m (689 024)	Standard (361 000)	-
684 526	684 531	4 m (689 024)	Standard (361 000)	2 m (689 030)
684 527	684 531	4 m (689 024)	Standard + Meter (361 000) + (366 976)	2 m (689 030)
684 460	684 450	4 m (689 021)	Automatic (688 300)	-
684 464	684 450	4 m (689 021)	Automatic + Meter (688 300) + (366 976)	2 m (689 030)



DIESEL PUMP ACCESSORIES

DIESEL METERS

Nutating-disk meter for diesel with mechanical register. Very low pressure drop; it can be used for gravity fed applications. Resettable partial reading up to 999,9 liters and permanent 6 digit totaliser. 1" BSP (F) inlet and outlet, both with flange for optional flange mounting. The meter allows to orientate the inlet and outlet in four different positions.

Maximum working pressure:

10 bar. Flow range: 20 to 100 l/minute. Precision after calibration: $\pm 1\%$. Meter valid for non commercial applications only.

680 300 Diesel meter with mechanical 3 digit register

680 301 Diesel meter with mechanical 4 digit register

689 044 Swivel elbow for meter outlet 1" BSP (MF)



DIESEL NOZZLES

361 000 Aluminium manual nozzle. Fluid inlet: 1" BSP (F) - 100 l/min.

689 910 Thermoplastic manual nozzle. Fluid inlet: 1" BSP (F) - 80 l/min.

688 300 Aluminium automatic nozzle. Fluid inlet: 1" BSP (F) - 60 l/min.

688 001 Aluminium automatic nozzle. Fluid inlet: 1" BSP (F) - 80 l/min.

688 100 Aluminium automatic nozzle. Fluid inlet: 1" BSP (F) - 120 l/min.

364 030 Aluminium inlet swivel. 1" BSP (MF) (included in automatic nozzles).



DIESEL FILTERS

When fitted at the pump outlet they eliminate dirt up to 30 microns and the water contained in the diesel.

689 090 65 l/min diesel filter

1" BSP (F).

689 098 110 l/min diesel filter

1" BSP (F).

689 091 Replacement cartridge

for filter 689 090.

689 099 Replacement cartridge

for filter 689 098.



HOSES FOR DIESEL

Rubber hose with metal swagged 1" BSP (M) fittings.



689 021 4 m x \varnothing 19 mm

689 022 4 m x \varnothing 25 mm

689 023 6 m x \varnothing 19 mm

PUMP BRACKETS

689 052 Pump wall bracket

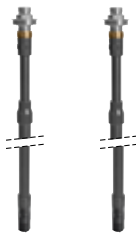
756 200 Bracket with handle

360 137 Universal bracket for 205 litres drum and IBCs.



SUCTION TUBES

Telescopic suction tubes for connecting directly to the pump inlet. 1" BSP (M) connection, 2" (M) bung adaptor and foot valve with filter, (PN 689 042).



689 035 For drums or tanks with a maximum height of 1m

689 036 For tanks with a maximum height between 1 and 1,75 m

689 037 Suction assembly. Includes 2 m x \varnothing 25 mm hose, shut off valve and telescopic suction tube 689 036

CONNECTION ADAPTORS FOR HOSES



689 042 Foot valve with filter for suction tube, 1" BSP (F)

689 015 Brass foot valve with filter for suction tube, 1" BSP (F)

689 041 Suction filter for hose, \varnothing 25 mm

689 016 Brass suction filter for hose, 1" BSP (F)

689 040 «Y» strainer, 1" BSP (F)

689 019 Brass «Y» strainer, 1" BSP (F)

689 047 Hose barb adaptor \varnothing 19 mm with clamps, 1" BSP (M)

689 048 Hose barb adaptor \varnothing 25 mm with clamps, 1" BSP (M)

689 017 Brass hose barb adaptor \varnothing 19 mm with clamps, 1" BSP (M)

689 018 Brass hose barb adaptor \varnothing 25 mm with clamps, 1" BSP (M)

689 053 Pump, drum and suction kit connection adaptor, 2 x 1" BSP (M) / 2" BSP (M)

SUCTION HOSES



Transparent PVC spring reinforced hoses. Suction hoses include swagged metal 1" BSP (M) fittings and foot valve. **689 030** 2 m x \varnothing 25 mm

689 031 4 m x \varnothing 25mm

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