

Fluid-o-Tech rotary vane pumps

Compact and Compact Plus



The Compact and Compact Plus series rotary vane pumps are the smallest series of the Rotoflow line of positive displacement pumps. Capable of high performances despite the small size, the Compact and Compact Plus series is the choice when space is an issue.

Technical features and manufacturing characteristics

The Compact series is available in brass only, while the Compact Plus series, equipped with

ball bearings supporting the rotor, is available in brass or stainless steel AISI 303.

The pumping chamber and the vanes are made of carbon graphite.

The inlet and outlet ports are 3/8" GAS or NPT threaded.

The pump is equipped with a built-in relief valve. Maximum operative temperature: 70 °C (158 °F).

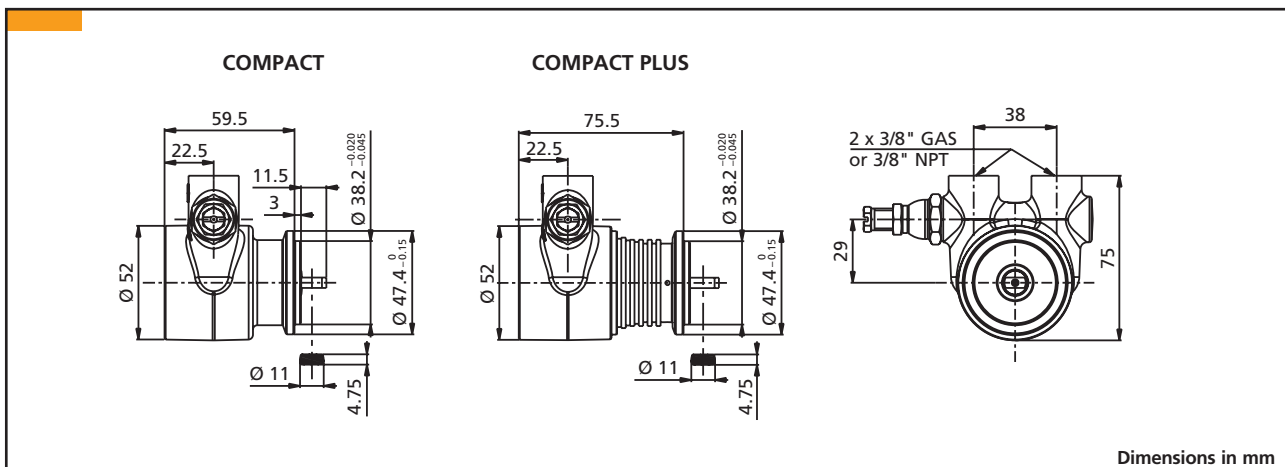
Available upon request:

- Viton®/EPDM seals (suffix - V/E)



Main applications

- Beverage vending machines
- Post-mix drink dispensers
- Espresso coffee machines
- Cooling systems
- Reverse osmosis
- Ultra-filtration
- Water dispensers

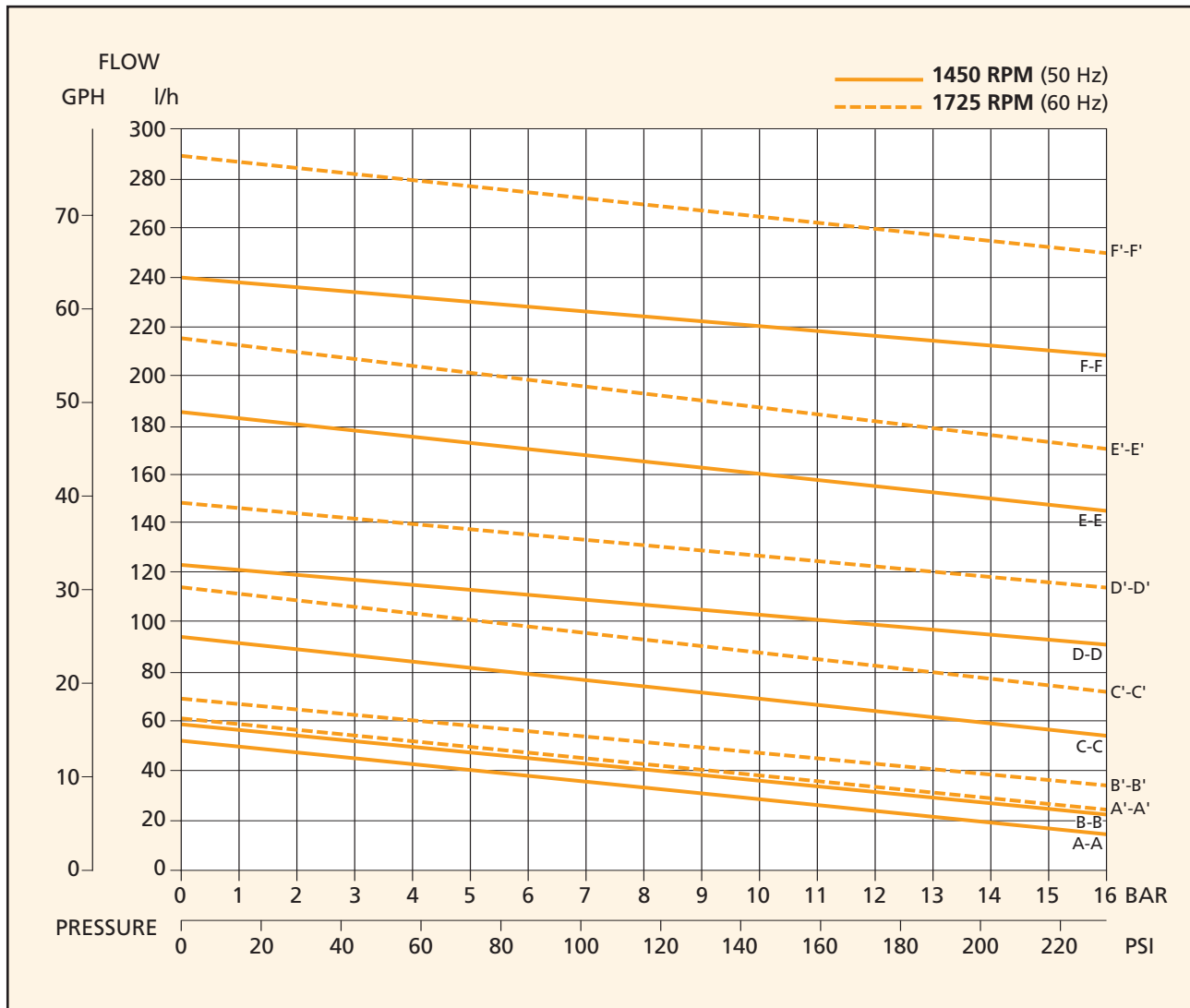


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MODEL CO/CA/CW (Compact)	030	031	034	050	051	054	070	071	074	100	101	104	150	151	154	200	201	204
Figure	A-A (50 Hz); A'-A' (60 Hz)			B-B (50 Hz); B'-B' (60 Hz)			C-C (50 Hz); C'-C' (60 Hz)			D-D (50 Hz); D'-D' (60 Hz)			E-E (50 Hz); E'-E' (60 Hz)			F-F (50 Hz); F'-F' (60 Hz)		
Bypass	NO	STD	BAL	NO	STD	BAL	NO	STD	BAL	NO	STD	BAL	NO	STD	BAL	NO	STD	BAL

MODEL MO/MA/MW (Compact Plus)	030	031	034	050	051	054	070	071	074	100	101	104	150	151	154	200	201	204
Figure	A-A (50 Hz); A'-A' (60 Hz)			B-B (50 Hz); B'-B' (60 Hz)			C-C (50 Hz); C'-C' (60 Hz)			D-D (50 Hz); D'-D' (60 Hz)			E-E (50 Hz); E'-E' (60 Hz)			F-F (50 Hz); F'-F' (60 Hz)		
Bypass	NO	STD	BAL	NO	STD	BAL	NO	STD	BAL	NO	STD	BAL	NO	STD	BAL	NO	STD	BAL



Pump weight: 850 g/1.9 Lbs (Compact) - 1 kg/2.2 Lbs (Compact Plus). Characteristics at constant motor speed, water at 20 °C (68 °F) and bypass blocked. When coupling the pump to the motor the min. starting torque should be no less than 0,5 Nm.

For applications involving other fluids, high temperatures or unusual processing conditions, please consult the factory or an authorized Fluid-o-Tech distributor.

Fluid-o-Tech reserves the right to alter the specifications indicated in this catalogue at any time and without prior notice.

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