

TMFR 30-200 SERIES



MECHANICAL SEAL, ROTARY VANE

The TMFR series, an integrated pump-motor unit where the motor has no moving parts, features a combination of compact size, superior performance, low energy consumption and silent operation to provide great versatility in a refined, high tech design.

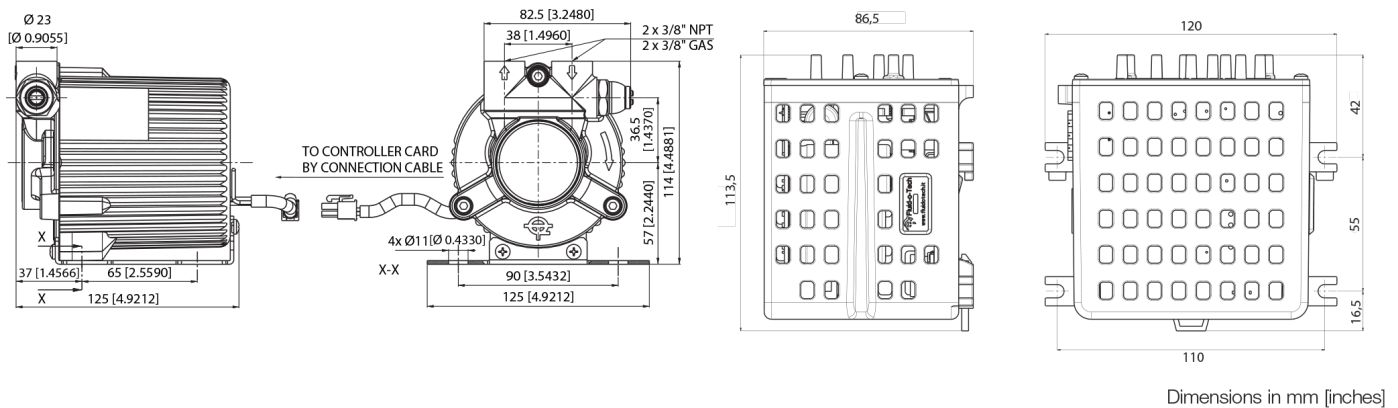
The internal magnet, driven through electromagnetic field, is capable of transmitting high torque to the shaft.

The speed control system allows the unit to self-adapt to the hydraulic conditions of the circuit to maintain a set pressure or flow rate, while the brushless technology provides reliable and long lasting operation.



- Compact size
- Motor housing in aluminium
- No wear on the motor
- Black anodised finishing available
- Continuous speed control
- Continuous duty

SPECIFICATION



PUMP HOUSING MATERIAL	BRASS OR STAINLESS STEEL	MAX TEMPERATURE	70°C (158°F)
PUMPING CHAMBER	CARBON GRAPHITE	MOTOR TYPE	100-110-230V AC 50/60HZ
PORTS	3/8" GAS OR NPT	SPEED RANGE	1100 TO 3500 rpm
MAX STATIC PRESSURE	20 BAR / 290 PSI	ABSORBED POWER	MAX 330 W
NOISE	46dB AT 1500 rpm	ACTUAL POWR	MAX 250 W
UNIT WEIGHT (W/O CONTROLLER)	2.7 kg	MOTOR IP PROTECTION	IP 20



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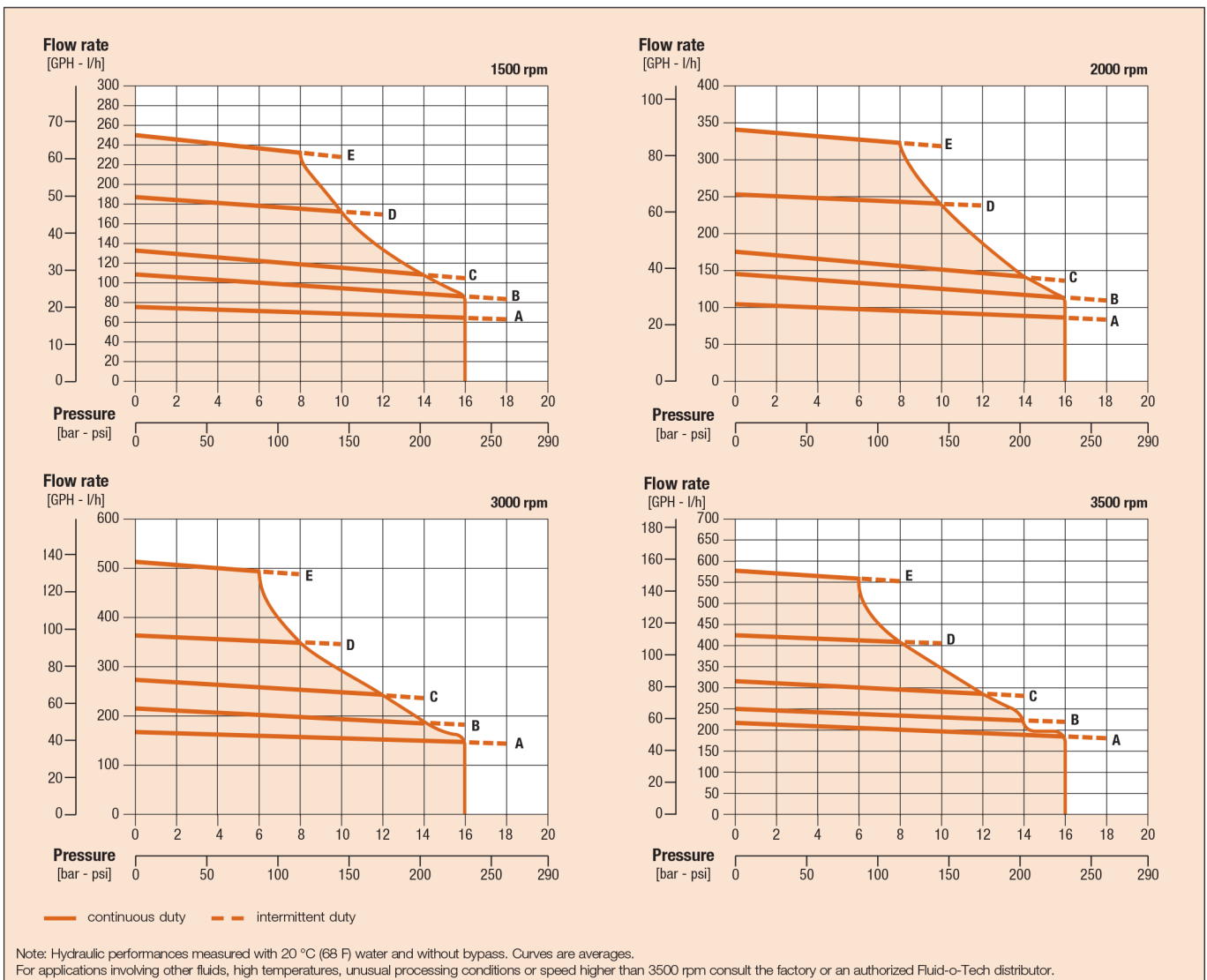


MECHANICALLY SEALED, ROTARY VANE

PERFORMANCE

TMFR0T (BRASS)	050	051	054	070	071	074	100	101	104	150	151	154	200	201	204
Figure	A-A			B-B			C-C			D-D			E-E		
Relief valve	NO	STD	BAL	NO	STD	BAL	NO	STD	BAL	NO	STD	BAL	NO	STD	BAL

TMFRSS (STAINLESS STEEL)	050	051	070	071	100	101	150	151	200	201
Figure	A-A		B-B		C-C		D-D		E-E	
Relief valve	NO	STD	NO	STD	NO	STD	NO	STD	NO	STD



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