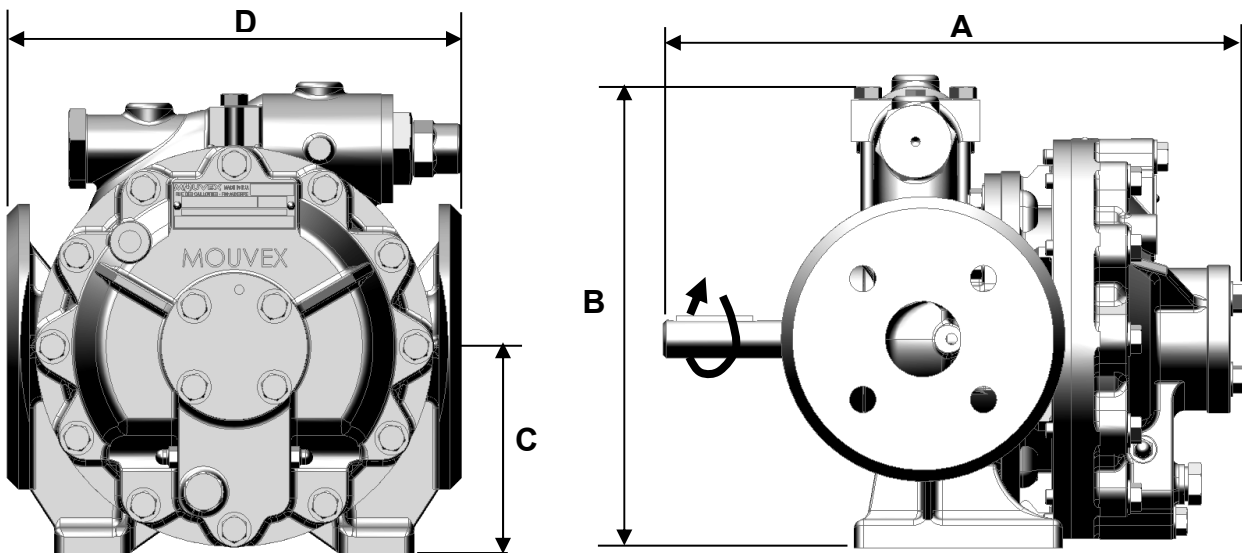


TECHNICAL CHARACTERISTICS

		STANDARD	AVAILABLE OPTIONS
Technology		Eccentric Disc Mouvex®	
Maximum Flow rate at 1 cSt m³/h (GPM)		6.4 (28.17)	
Displacement L (gal) per rotation		0.164 (0.0433)	
Internal relief valve		With	Without
Rotation		Clockwise (1)	Anticlockwise (1)
Ports		Mouvex flanges DN 40	ISOPN16 / ANSI150 RF
Heating		None	Heating jacket
Dimensions mm (in.)	A	306.5 (12.067)	
	B	249 (9.803)	
	C	110 (4.330)	
	D	240 (9.449)	252 (9.921) with PN16/ANSI150 flanges
Weight kg (lbs)		24 (52.91)	

(1) Looking at shaft end.



OPERATING LIMITS

	STANDARD MATERIALS	OPTIONS
Minimum temperature °C (°F)	-10 (14)	
Maximum temperature °C (°F)	150 (302)	
Maximum in-pump dynamic viscosity cSt (SSU)	15000 (69500)	
Maximum differential pressure bar (psi)	10 (145)	Bronze bushings 5 (72)
Maximum speed (rpm)	600	
Maximum solid particle size mm (in)	2 (0.079)	
Maximum soft particle size mm (in)	6.5 (0.25)	

MATERIALS OF CONSTRUCTION

Part No	PART NAME	STANDARD MATERIALS	AVAILABLE OPTIONS
12101	Main casing	SG iron EN-GJS-500-7 / 80.55.06	
12201	Cylinder	SG iron EN-GJS-500-7 / 80.55.06	
12301	Disc	SG iron EN-GJS-600-3 / 100.70.03	
12401	Front cover	SG iron EN-GJS-500-7 / 80.55.06	
12501	Shaft	Steel 42CRMO4	
	Bushings	Carbon	Bronze
	Static O-rings	FKM	FKM FEP
	Screw and nuts	Zinc plated steel	
12600	Mechanical seal	Carbon / stainless steel / FKM	Carbon / stainless steel / FKM FEP Tungsten carbide / TC / FKM Tungsten carbide / TC / FKM FEP Standardized seal
12701	Bearing holder	Steel C35E	
12703	Bearing	Steel	
12705	Bearing cover	Steel C35E	
44801	Relief valve casing	SG iron EN-GJS-500-7 / 80.55.06	

