

Data Sheet GL-3...300-V-B

1. SPECIFICATION SHEET FOR GEAR PUMP

General features	Pump type:	External gear pump
	Gear capacity:	From 3 to 300 cc/rev (see pump code)
	Gear type:	Helical
	Main material:	Cast iron (Painted Blue RAL5010)
	Shaft seal:	Mechanical seal and external lip seal
	Sealing elements:	FPM
	Coupling mounting:	Lantern
Optional	Valve:	Internal recirculation safety relief valve
	Heating:	None
	Seal flushing:	None
	Flange:	None

2. MATERIALS & DESIGN

Pump materials	Housing:	Cast Iron G25
	Screws:	Steel
Bearings	Type:	Sleeve bearings
	Material:	PTFE film on Steel backing
Rotors	Driving rotor:	Steel 39NiCrMo3 Hardened
	Driven rotor:	Steel 39NiCrMo3 Hardened
Gasket	Type:	O-ring
	Material:	FPM
Shaft seal	Type:	Mechanical seal
	Work sense:	Bidirectional
	Rotating face:	Stainless Steel
	Stationary face:	Carbon Graphite
	Sealing elements:	FPM
External lip seal:	FPM	

3. COMPLETE UNIT (If requested)

Complete unit	Coupling:	Torsionally elastic joint, Aluminum
	Drive:	As specified on offer