

Data Sheet N-460...1330-V

1. SPECIFICATION SHEET FOR GEAR PUMP

General features	Pump type:	External gear pump
	Gear capacity:	From 460 to 1330 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 and Klingersil C-4430
	Coupling mounting:	Foot
Optional	Valve:	Internal recirculation safety relief valve
	Heating:	Internal canalisation for oil/steam heating (connection 1/2")
	Seal flushing:	None
	Flange:	Built-in the pump body

2. MATERIALS & DESIGN

Pump materials	Housing:	Cast Iron G25
	Screws:	Steel
Bearings	Type:	Sleeve bearings
	Material:	Bronze CuSn12
Rotors	Driving rotor:	Steel 39NiCrMo3 Hardened
	Driven rotor:	Steel 39NiCrMo3 Hardened
Gasket	Type:	O-ring and plane gasket
	Material:	FPM and Klingersil C-4430
Shaft seal	Type:	Mechanical seal
	Work sense:	Right
	Rotating face:	Stainless Steel
	Stationary face:	Carbon Graphite /FPM
	Sealing elements:	FPM
	External lip seal:	FPM

3. COMPLETE UNIT (If requested)

Complete unit	Coupling:	Torsionally elastic joint, Cast Iron
	Drive:	As specified on offer
	Base plate:	Iron (Painted Blue RAL5010)
	Guard:	Iron cover (Painted Yellow RAL1007)