

INTERNAL GEAR PUMP

KIP SERIES

KIP $\frac{3}{8}$ "

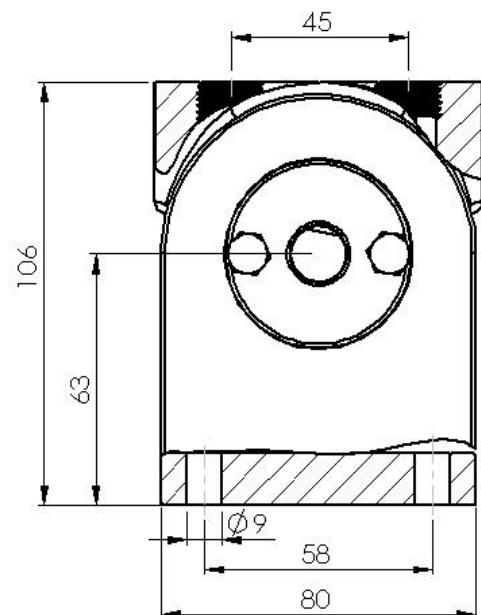
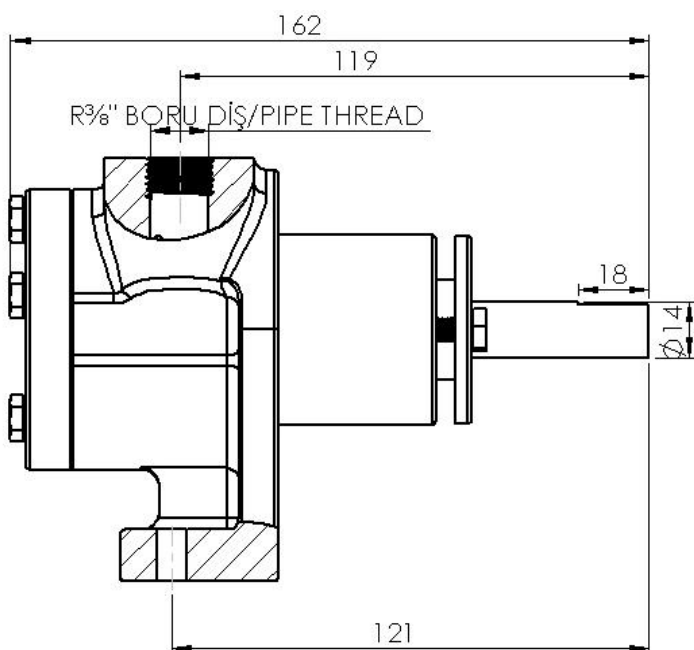


Ports	$\frac{3}{8}$ " Pipe Thread
Pressure	2-14 bar
Flow Rate	0,004 L/rev
Max Flow	0,35 m3/h
Max Speed	1500 rpm
Viscosity Range	28 – 50,000 Cp
Temperature	20-180 °C
Body Material	Gray Cast Iron (GG25)
Shaft Material	AISI1040 Steel
Gear Material	AISI1040 Steel
Bushing	Bronze / Carbon Aided Teflon / Bearing
Sealing	Packing / Mechanical Sealing
Accessories	Heat Jacket / Filter
Weight	3,1 KG

ADVANTAGES

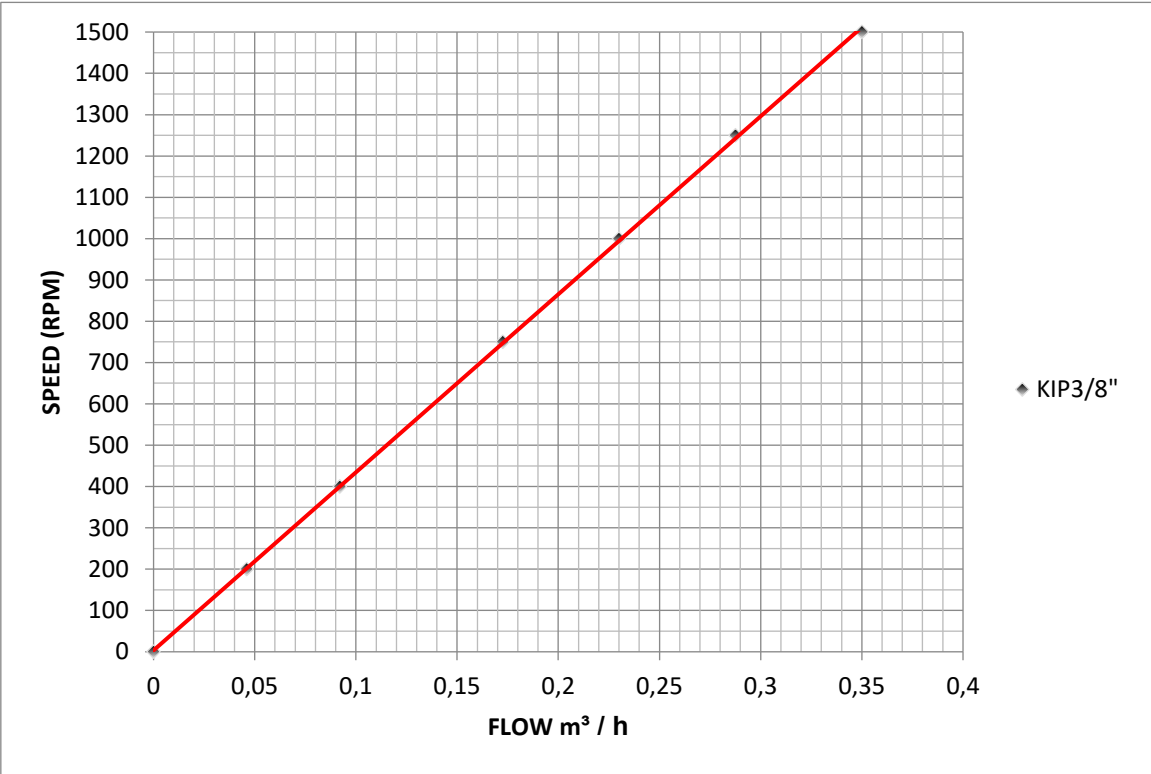
- Smaller body than the external gear pumps that supplies the same values
- Positive suction and non pulsating discharge
- Ideal for high-viscosity liquids because they work at low speeds
- Adjustable end clearance
- Easy to maintain
- Long life

DIMENSIONS

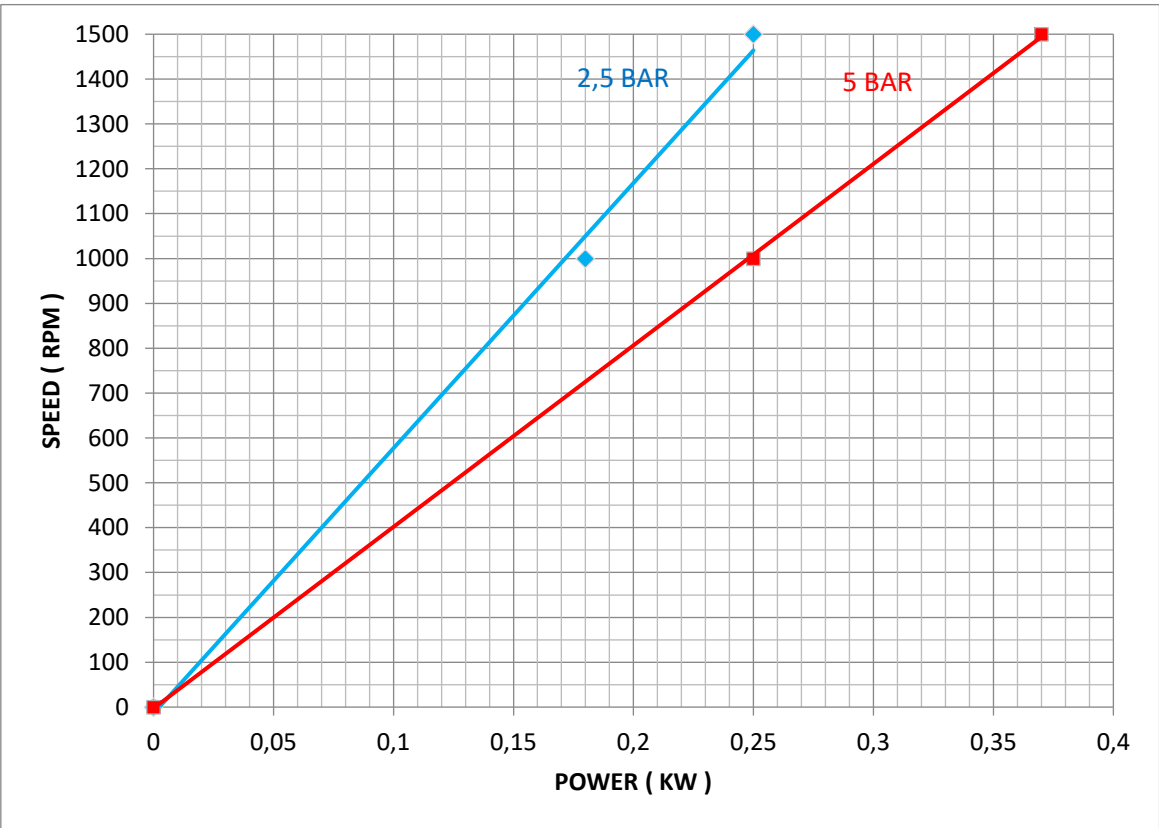


KIP^{3/8}" INTERNAL GEAR PUMP PERFORMANCE CURVES

1- Speed-Flow



2- Speed - Power - Pressure



TESTS HAVE BEEN DONE WITH SAE30 OIL AT ROOM TEMPERATURE (APPROX. 100 CST)