

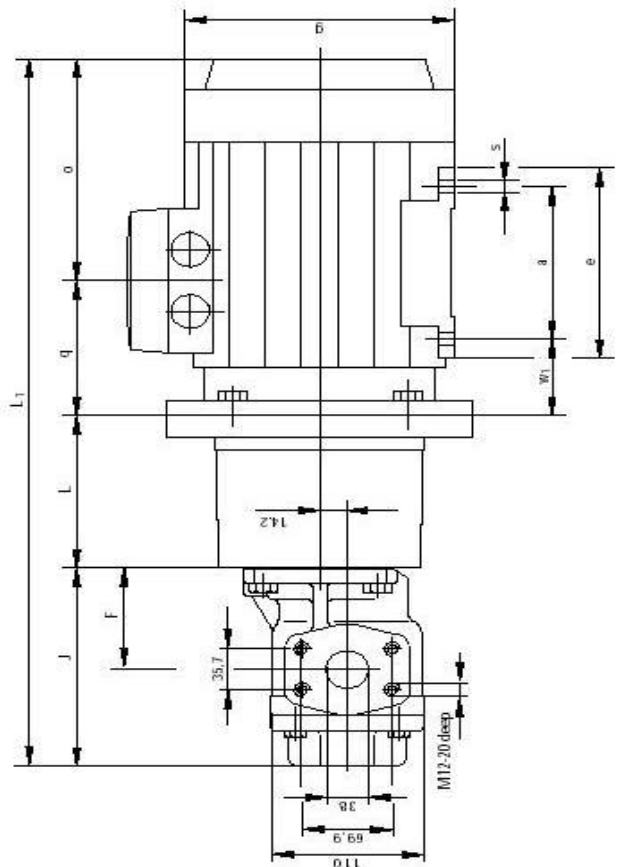
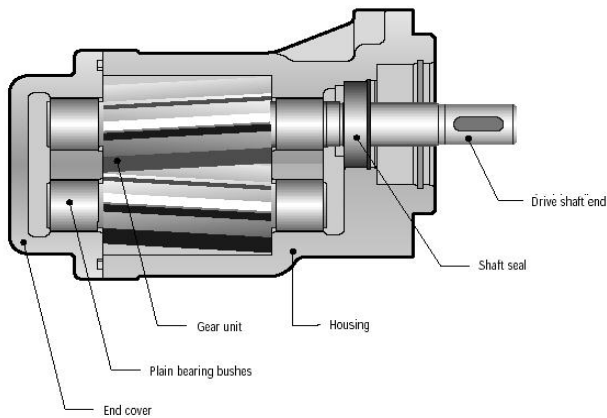
PUMP ASSY SPEC.

Desplazamiento	40 cm ³ /rev
Bomba	Kracht GmbH Alemania
Sellos	Nbr
Eficiencia	98%
Presion Maxima	40 bar
Motor Electrico	3 kw Siemens
Acoplamiento	Rotex aleman
Acoplamiento	Bell Housing (campana)
Fluidos	ISO VG 37 hasta ISO VG 150
Temperatura de trabajo	-10 hasta + 200 grados celsius
Cuerpo de la bomba	Acero fundido
Engranajes	Acero cromo niquel
Conexiones	Flange DIN ISO 3019
Origen	Alemania
Garantia	1 año

KRACHT



Pump Assy	Kracht GmbH Alemania
Type	Transfer special Pump
Certification	ISO 9001



Viscosity $\nu = 3000 \text{ mm}^2/\text{s}$
 Operating pressure $p = 15 \text{ bar}$
 at $P_{\text{tab}} = 3.6 \text{ kW}$
 $n = 500 \text{ 1/min}$
 $f_{\nu} = 0,017 \frac{\text{kW}}{\text{l/min}}$
 $Q = 40 \text{ l/min}$

becomes
 $P_{1\text{pu}} = \left(3.6 \cdot \frac{500}{1450} + 0.017 \cdot 40 \right) \text{ kW}$
 $P_{1\text{pu}} = 1.92 \text{ kW}$
 Motor power output: $P_{2\text{Mot}} = 1.2 \cdot P_{1\text{pu}} = 2.3 \text{ kW}$
 Select helical geared motor with $P = 3.0 \text{ kW}$
 $n = 500 \text{ 1/min}$