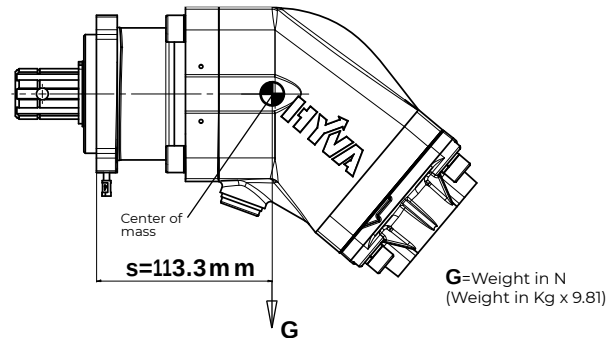
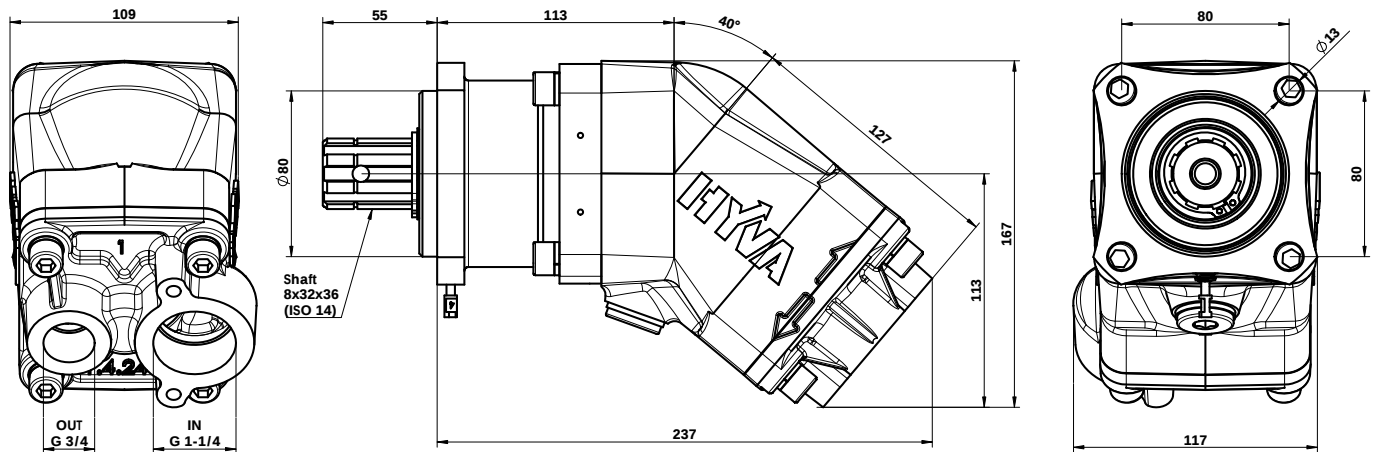




**MASS MOMENT**  $M_{amm.} = s \times G \text{ (Nm)}$



**Dimensions in mm**



## Specifications

|                                    |                              |                                                   |                                                                  |
|------------------------------------|------------------------------|---------------------------------------------------|------------------------------------------------------------------|
| Displacement                       | = 41,25 cm <sup>3</sup> /rev | Pump rotation                                     | = Right (seen from front side of pump)                           |
| Max. continuous pressure (100%)    | = 350 bar                    | Inlet pressure                                    | = 0,85 ÷ 2 bar absolut                                           |
| Max. peak pressure (6 sec.max)     | = 400 bar                    | Oil filtering:                                    | = > 200 bar: 10 µm / < 200 bar: 25 µm                            |
| Max. continuous speed without load | = 2700 rpm                   | Working temperature                               | = -40°C ÷ 140°C                                                  |
| Max. continuous speed              | = 1900 rpm                   | Viscosity index suggested                         | = VI > 100                                                       |
| Max. intermittent speed            | = 2500 rpm                   | Max kinematic viscosity suggested at the start-up | = VG= 750 cSt                                                    |
| Min. speed                         | = 300 rpm                    | Optimale kinematic viscosity                      | = VG= 10 cSt ÷ 100 cSt                                           |
| IN ISO 228                         | = G 1-1/4                    | Fluid                                             | = Mineral or synthetic compatible with the following seals: HNBR |
| OUT ISO 228                        | = G 3/4                      |                                                   |                                                                  |
| Weight                             | = 12,3 Kg                    |                                                   |                                                                  |

Verify that pump is, at least, 100 mm under the minimum level of the tank.  
Before starting the pump bleed the air.



**WARNING:** if oil leaks through the transparent tube the pump should be replaced immediately to avoid gearbox damage.

## Kinematic viscosity suggested

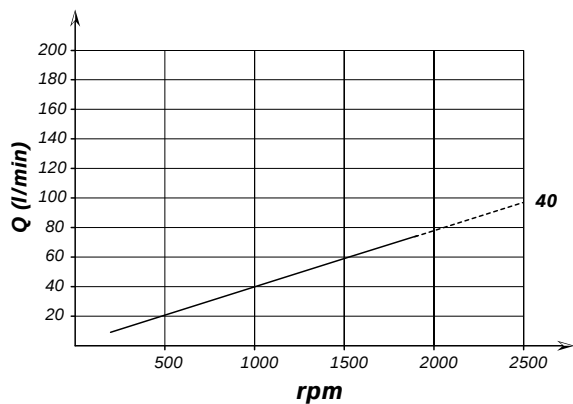
| Average ambient temp. (°C) | VG (cSt = mm <sup>2</sup> /s) |
|----------------------------|-------------------------------|
| < -40                      | 16                            |
| -40÷10                     | 22                            |
| 10÷35                      | 32                            |
| > 35                       | 46                            |

## Related documentation

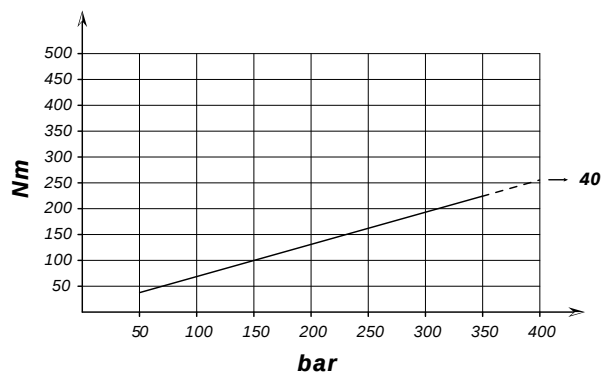
Mounting instructions:

PUM-0001

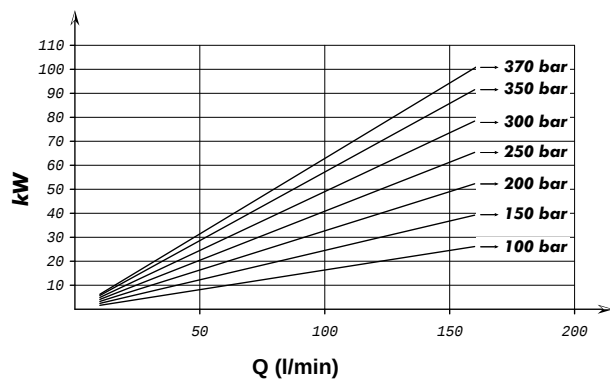
### FLOW



### DRIVE TORQUE



### POWER INPUT



| suction hose | LP 20    | LP 24    | LP 28    | LP 32    |
|--------------|----------|----------|----------|----------|
| flow [lpm]   | 60       | 60-85    | 60-120   | 120-150  |
| pump size    | max. rpm | max. rpm | max. rpm | max. rpm |
| 25           | 2300     |          |          |          |
| 34           | 1700     | 2400     |          |          |
| 40           | 1400     | 2100     |          |          |
| 47           |          | 1700     | 2400     |          |
| 64           |          | 1300     | 1700     | 2300     |
| 80           |          |          | 1400     | 1800     |
| 84           |          |          | 1300     | 1700     |
| 96           |          |          |          | 1500     |
| 108          |          |          |          | 1400     |
| 130          |          |          |          | 1100     |

### Spare parts

| Part.no  | Description |
|----------|-------------|
| 02410021 | Seal kit    |