



Hydro-pack gold  
quality products

GROUP 35 Series

GEAR PUMP

## TECHNICAL DATA

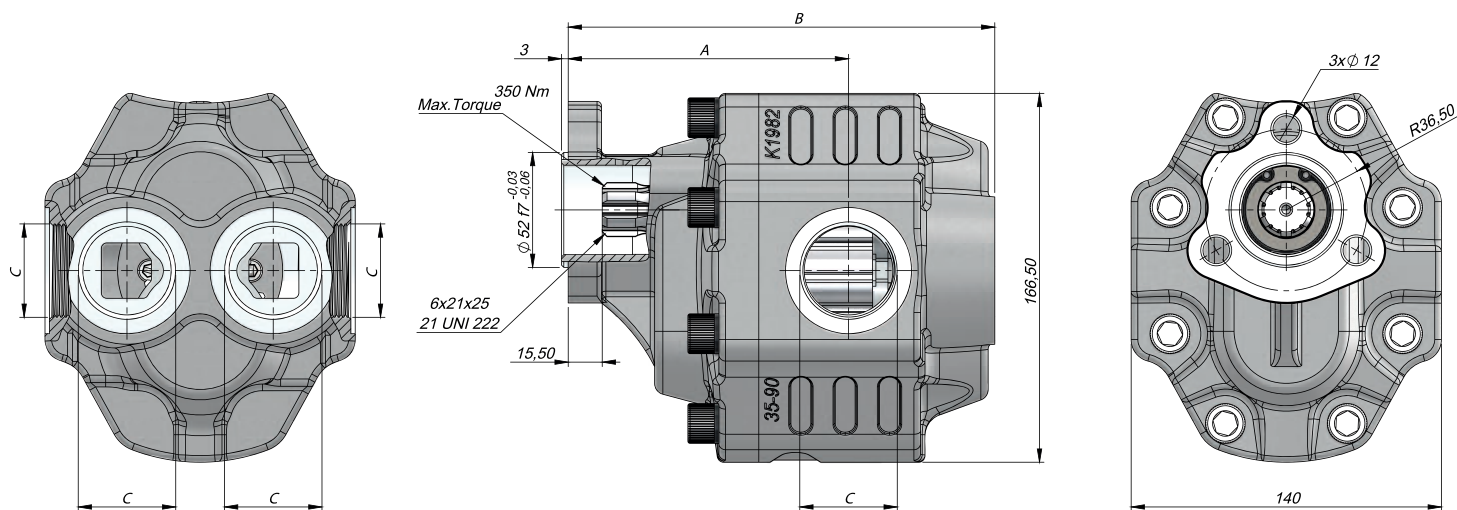
### 3 BOLT BI-DIRECTIONAL GEAR PUMP

GEAR PUMP



HYDRAULIC SYMBOL

|                           |               |              |                  |
|---------------------------|---------------|--------------|------------------|
| Inlet Pressure            |               | 0.7÷ 3 bar   |                  |
| Operating Viscosity Range |               | -12:100 cSt  |                  |
| Fluid Temperature         |               | -10 °C+80 °C |                  |
| Working Pressure          | Contamination |              | Filter           |
|                           | NAS 1638      | ISO 4406     | $\beta_x=75$     |
| $\geq 200$ bar            | 11            | 20/17        | 25 $\mu\text{m}$ |
| $\leq 200$ bar            | 12            | 21/18        | 40 $\mu\text{m}$ |



| Code          | Displacement<br>(cm <sup>3</sup> /rev) | Max.Continuous<br>Pressure<br>(100%)(BAR) | Max.Intermittent<br>Pressure<br>(20 sec.max.)(BAR) | Max.Peak<br>Pressure<br>(6 sec.max.)(BAR) | Max.Continuous<br>Speed<br>(RPM) | Max.Intermittent<br>Speed<br>(RPM) | Min.Speed<br>(RPM) | A<br>(mm) | B<br>(mm) | Inlet<br>C                   | Outlet<br>C |
|---------------|----------------------------------------|-------------------------------------------|----------------------------------------------------|-------------------------------------------|----------------------------------|------------------------------------|--------------------|-----------|-----------|------------------------------|-------------|
| GP-3B35-60BD  | 60                                     | 250                                       | 270                                                | 290                                       | 1800                             | 2500                               | 300                | 120.5     | 179.5     | G1"                          |             |
| GP-3B35-82BD  | 82                                     | 240                                       | 260                                                | 280                                       |                                  |                                    |                    | 122.5     | 188.5     | G1 1/4"<br>(G1" Alternative) |             |
| GP-3B35-90BD  | 90                                     | 230                                       | 250                                                | 270                                       |                                  |                                    |                    | 126.5     | 192.5     | G1 1/4"                      |             |
| GP-3B35-100BD | 100                                    | 220                                       | 240                                                | 260                                       |                                  |                                    |                    | 127.5     | 202.5     |                              |             |
| GP-3B35-110BD | 110                                    | 205                                       | 220                                                | 250                                       |                                  |                                    |                    | 129.0     | 204.5     |                              |             |
| GP-3B35-125BD | 125                                    | 195                                       | 215                                                | 230                                       |                                  |                                    |                    | 132.5     | 215.0     |                              |             |