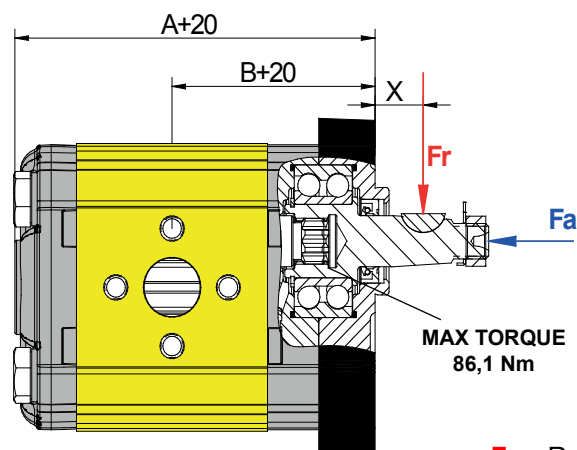


ø 36,5 Standard Pump e Motor with Bearing

ø 36,5 FLANGE



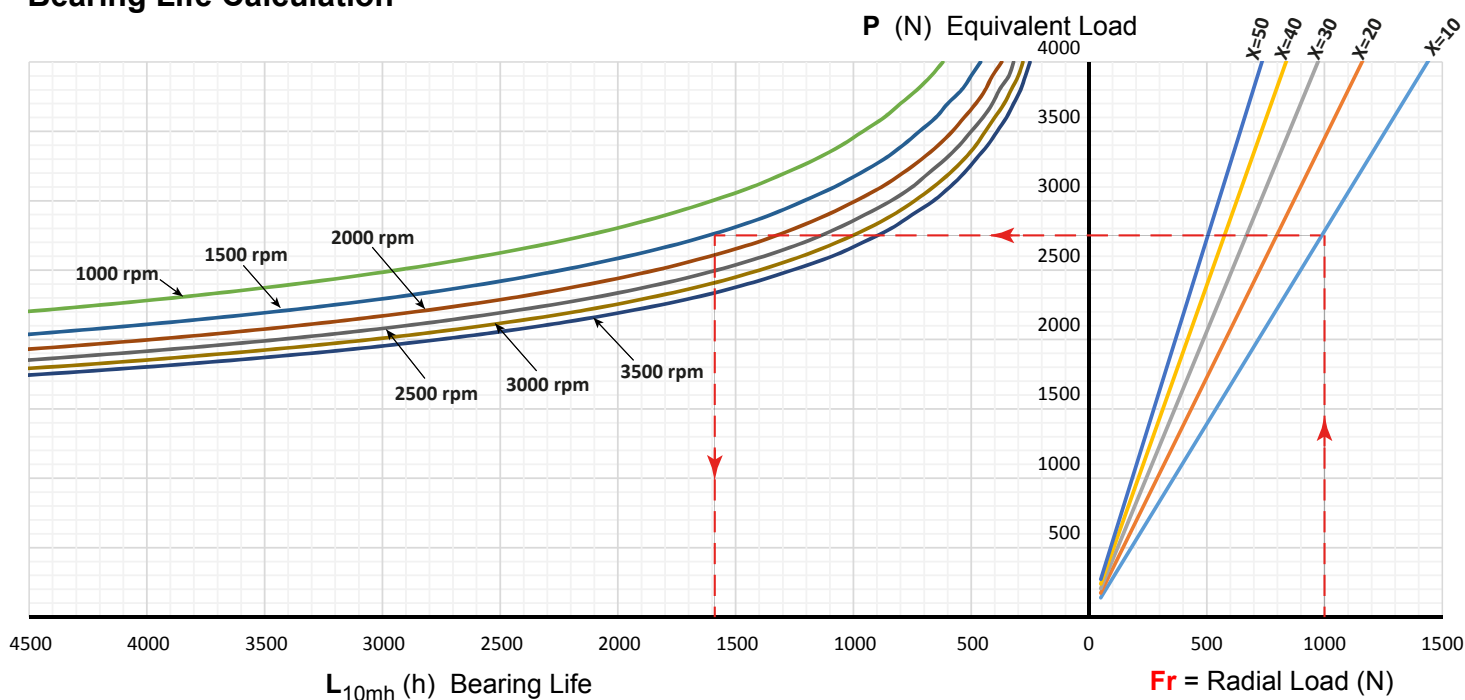
ø36,5 Flange		
Anticlockwise	Reversible	Clockwise
1S	1R	1D

Shaft	
C0001-Tapered	

Measures A and B correspond to those of the standard pump/motor

Fr = Radial Load (N)
Fa = Axial Load (N)
X = Distance between **Fr** and mounting face (mm)
P = Equivalent Load (N)
L_{10mh} = Bearing Life with 90% reliability

Bearing Life Calculation



If **Fa** = 0 use the graph **example:** **Fr** = 1000 N , X=10 , n=1500 rpm

P_(Fr) ≈ 2750 N
L_{10mh} ≈ 1600 h

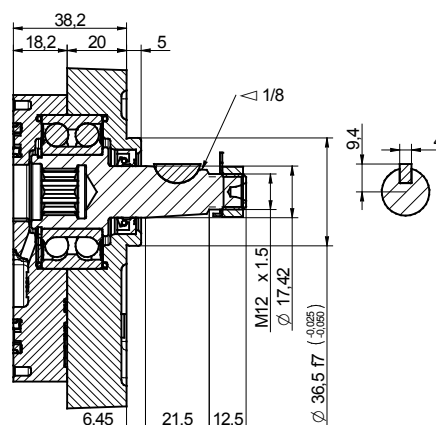
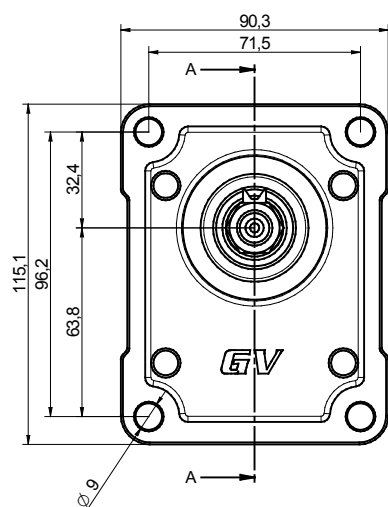
If **Fa** ≤ **Fr** $\frac{5(X-3)}{100}$ Add 0.78 **Fa** to the Equivalent Load obtained with the **Fr** => **P_(Fr+Fa)** = **P_(Fr)** + 0.78 **Fa**

If **Fa** > **Fr** $\frac{5(X-3)}{100}$ Equivalent Load is : **P_(Fr+Fa)** = **Fr** $\frac{(4X+220)}{100}$ + 1.24 **Fa**

(Mineral oil ISO VG 46, Working Temperature 60°C, Oil contamination ISO 4406:1999 Class 19/17/14)

BEARING FLANGE KIT ø 36,5 Standard

Tapered Shaft C0001



SEZIONE A-A

CODE DESCRIPTION

8KIT01EP.A	For PUMP with NBR
8KIT01EP.V	For PUMP with VITON
8KIT01EM.A	For MOTOR with NBR
8KIT01EM.V	For MOTOR with VITON

Motor versions have preinstalled the shaft seal with reinforced washer 6 bar

Kit mounting Procedure

Kit can be assembled starting from a standard final pump.

Remove the front flange and replace it with the kit

Fix the appropriated screws with torque from 54 to 59 Nm

To use a different pump/motor typology it is required to replace even the shaft (code 200.0014.A-SCF01)

