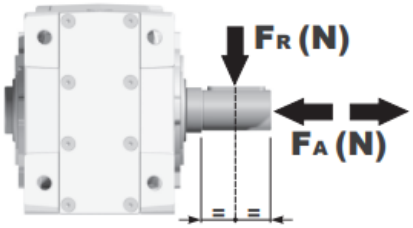
Technical Data Sheet
Gearbox
HELLICAL BEVEL

| | | |
|---|---|---|
| MODEL | X22S | |
| Ø OUTPUT SHAFT | 20 | mm |
| APPROXIMATE RATIO | 44 | |
| EXACT RATIO | 44.44 | |
| OUTPUT SPEED | 33 | RPM |
| EXACT OUTPUT SPEED | 33 | RPM |
| INPUT POWER | 0.09 | KW |
| INPUT ROTATION | 1400 | RPM |
| INPUT PAM | 56B14 | |
| OUTPUT TORQUE | 26.19 | N.m |
| NOMINAL TORQUE | 50.00 | N.m |
| NOMINAL POWER | 0.17 | KW |
| SERVICE FACTOR | 1.89 | |
| DYNAMIC EFFICIENCY | 0.96 | |

## Oil Quantity (L)

| B3/H1 | B6/H4 | B7/H3 | B8/H2 | V5/H5 | V6/H6 |
|---|---|---|---|---|---|
| 0.25 | 0.25 | 0.25 | 0.25 | 0.43 | 0.31 |

## Radial and Axial Loads




| $n_2$ [min-1] | FA [N] | FR [N] |
|---|---|---|
| 400 | 360 | 1800 |
| 150 | 420 | 2100 |
| 75 | 440 | 2200 |
| 25 | 440 | 2200 |

Universal Motors S.A.
Rua Comendador Brandão, 484
4495-375 Póvoa de Varzim
geral@universalmotors.pt
TEL.: 252 299 080

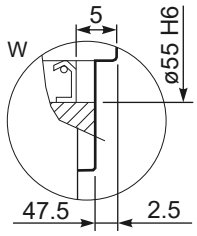
Universal Motors UK, Ltd
Unit E2, Meltham Mills Road
West Yorkshire HD9 4AR
enquiries@universalmotors-group.co.uk
TEL.: +44(0) 1484660222

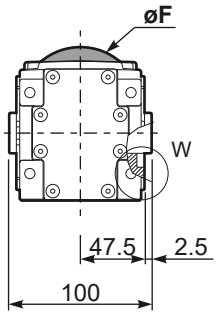
Universal Motors SL
C/La Habana n.6 nave 4 Pl Camporroso
28806 Alcala de Henares
info@universalmotors-group.es
TEL.: 918 864 213

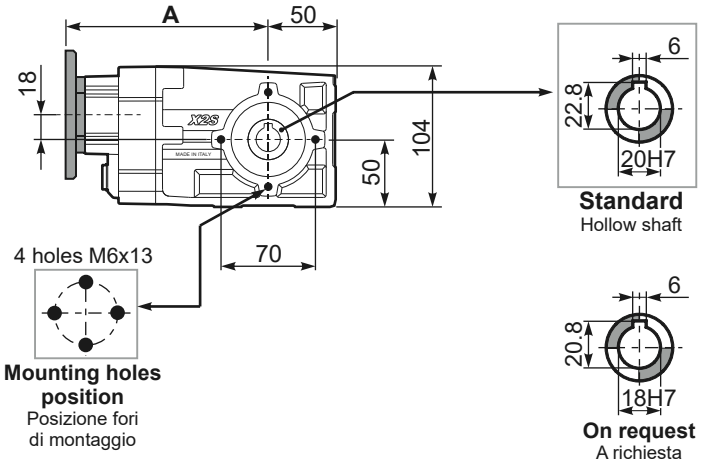
## PX22SC... Basic Gearbox
Riduttore base

**Gearbox weight** peso riduttore **3.70 kg**

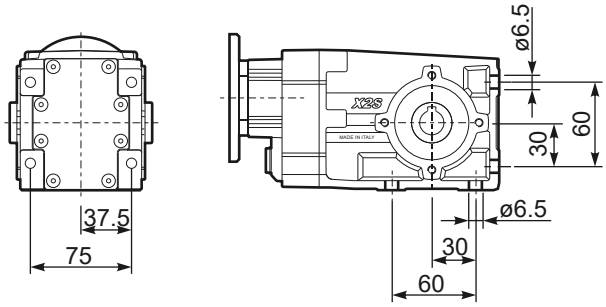
| M. flanges | Kit code | øF | A |
|---|---|---|---|
| **63B5** | K050.4.041 | 138 | 154.5 |
| **71B5** | K050.4.042 | 160 | 152 |
| | | | |
| **56B14** | KC40.4.049 | 80 | 152 |
| **63B14** | K050.4.047 | 90 | 154.5 |
| **71B14** | K050.4.045 | 105 | 152 |



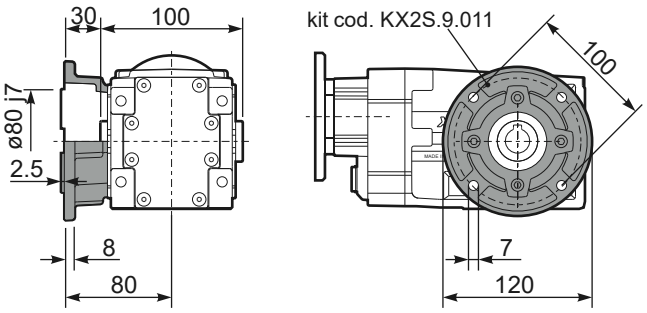



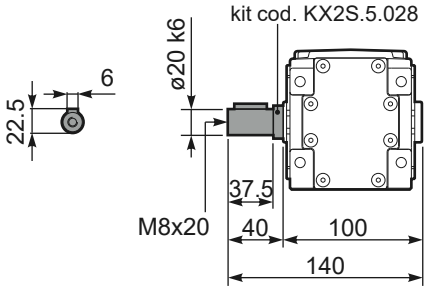

## PX22S...FB.. Feet
Piedini



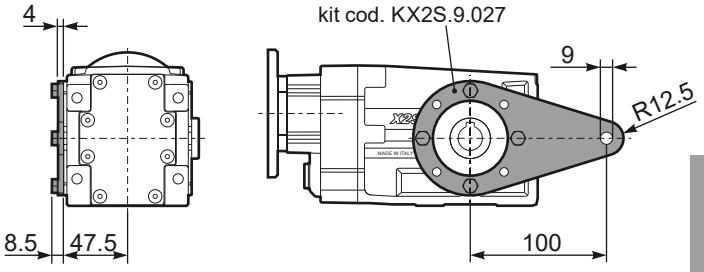

## PX22S...-F1.. Output flange
Flangia uscita




## PX22SA.. Single output shaft
Albero semplice in uscita




## PX22S...BR.. Reaction Arm
Braccio di reazione




## RX22S.. Input shaft
Albero in entrata

