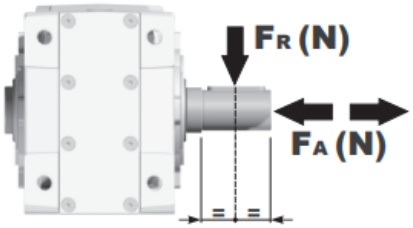
Technical Data Sheet
Gearbox
# HELLICAL BEVEL

| | | |
|---|---|---|
| MODEL | X43A | |
| Ø OUTPUT SHAFT | 25 | mm |
| APPROXIMATE RATIO | 95 | |
| EXACT RATIO | 95.03 | |
| OUTPUT SPEED | 15 | RPM |
| EXACT OUTPUT SPEED | 15 | RPM |
| INPUT POWER | 0.25 | KW |
| INPUT ROTATION | 1400 | RPM |
| INPUT PAM | 71B5 | |
| OUTPUT TORQUE | 152.33 | N.m |
| NOMINAL TORQUE | 150.00 | N.m |
| NOMINAL POWER | 0.25 | KW |
| SERVICE FACTOR | 1.00 | |
| DYNAMIC EFFICIENCY | 0.94 | |

## Oil Quantity (L)

| B3/H1 | B6/H4 | B7/H3 | B8/H2 | V5/H5 | V6/H6 |
|---|---|---|---|---|---|
| 0.8 | 0.8 | 0.6 | 0.8 | 1.2 | 0.7 |

## Radial and Axial Loads




| $n_2$ [min-1] | FA [N] | FR [N] |
|---|---|---|
| 250 | 500 | 2500 |
| 100 | 700 | 3500 |
| 50 | 960 | 4800 |
| 15 | 960 | 4800 |

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

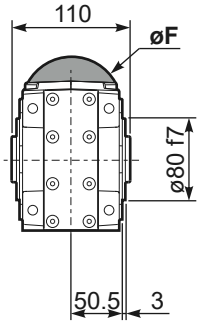
Universal Motors UK, Ltd
Unit E2, Meltham Mills Road
West Yorkshire HD9 4AR
enquiries@universalmotors-group.co.uk
TEL.: +44(0) 1484660222

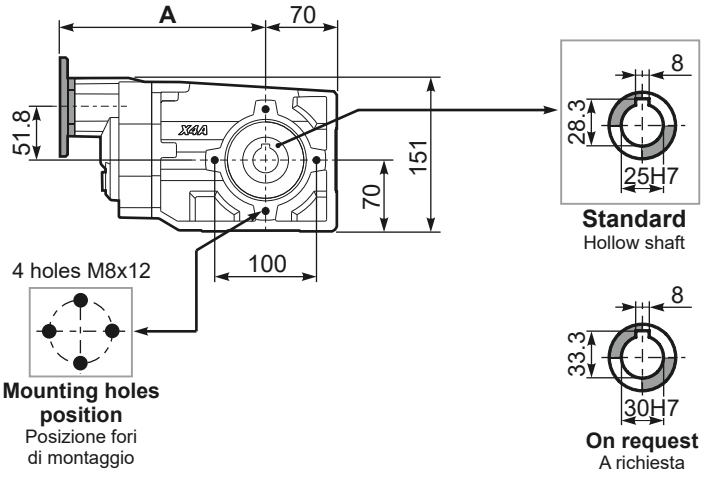
Universal Motors SL
C/La Habana n.6 nave 4 Pl Camporroso
28806 Alcala de Henares
info@universalmotors-group.es
TEL.: 918 864 213

## PX43AC... Basic Gearbox
Riduttore base

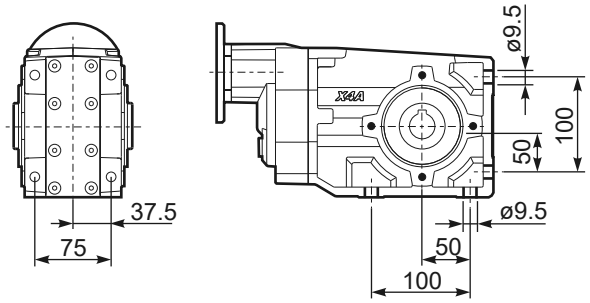
| Gearbox weight peso riduttore | 7.93 kg |
|---|---|

| M. flanges | Kit code | øF | A |
|---|---|---|---|
| **63B5** | K050.4.041 | 138 | 205 |
| **71B5** | K050.4.042 | 160 | 202.5 |
| | | | |
| **56B14** | KC40.4.049 | 80 | 202.5 |
| **63B14** | K050.4.047 | 90 | 205 |
| **71B14** | K050.4.045 | 105 | 202.5 |

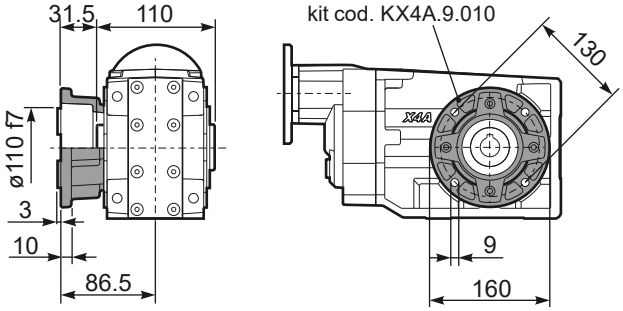


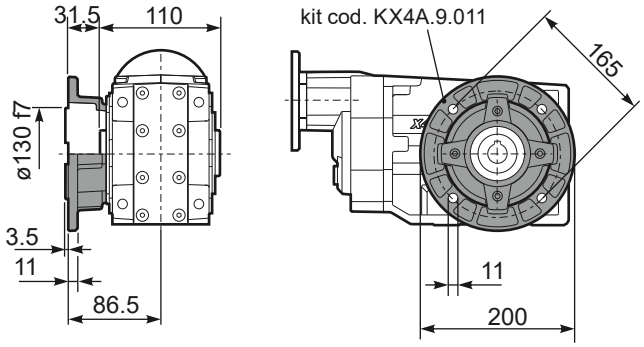

## PX43A...FB.. Feet
Piedini



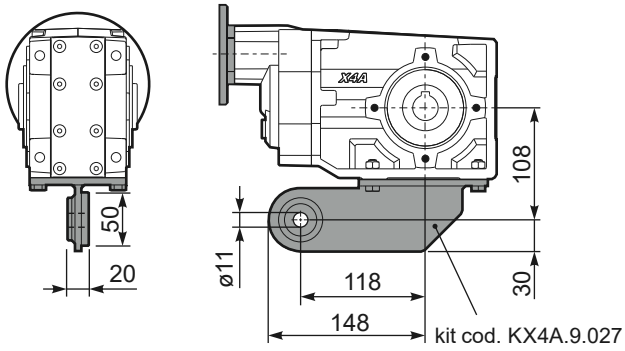

## PX43A...-F2.. Output flange
Flangia uscita



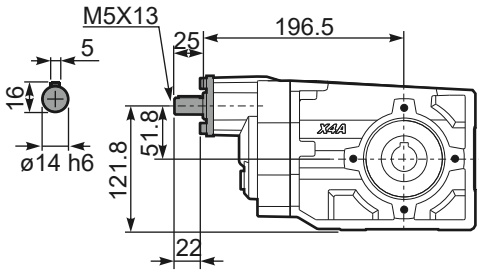

## PX43A...-F3.. Output flange
Flangia uscita



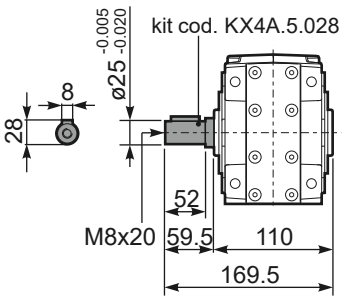

## PX43A...BR.. Reaction Arm
Braccio di reazione




## RX43A... Input shaft
Albero in entrata




## PX43AA.. Single output shaft
Albero semplice in uscita




9