

Technical Data Sheet  
Gearbox  
HELLICAL BEVEL



|                    |            |
|--------------------|------------|
| MODEL              | X43A       |
| Ø OUTPUT SHAFT     | 25 mm      |
| APPROXIMATE RATIO  | 72         |
| EXACT RATIO        | 71.78      |
| OUTPUT SPEED       | 20 RPM     |
| EXACT OUTPUT SPEED | 20 RPM     |
| INPUT POWER        | 0.25 KW    |
| INPUT ROTATION     | 1400 RPM   |
| INPUT PAM          | 71B5       |
| OUTPUT TORQUE      | 115.06 N.m |
| NOMINAL TORQUE     | 150.00 N.m |
| NOMINAL POWER      | 0.33 KW    |
| SERVICE FACTOR     | 1.32       |
| 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] | $F_A$ [N] | $F_R$ [N] |
|---------------|-----------|-----------|
| 250           | 500       | 2500      |
| 100           | 700       | 3500      |
| 50            | 960       | 4800      |
| 15            | 960       | 4800      |

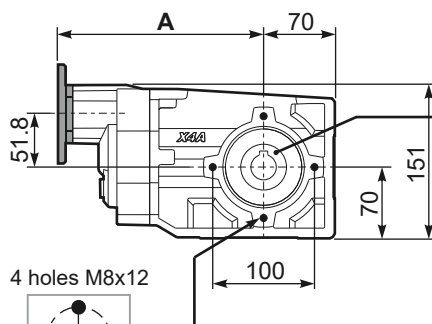
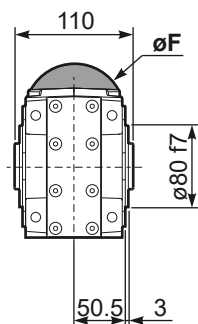
Universal Motors S.A.  
Rua Comendador Brandão, 484  
4495-375 Póvoa de Varzim  
[geral@universalmotors.pt](mailto:geral@universalmotors.pt)  
TEL.: 252 299 080

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

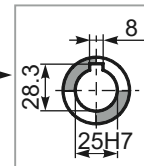
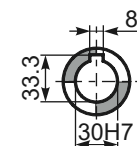
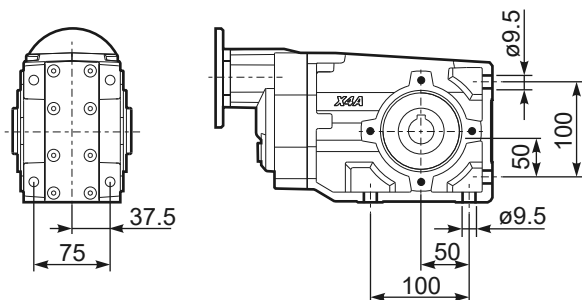
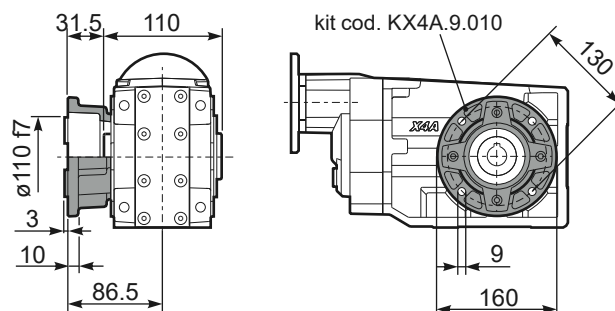
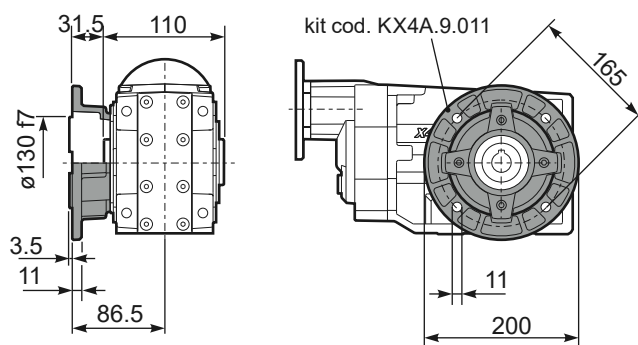
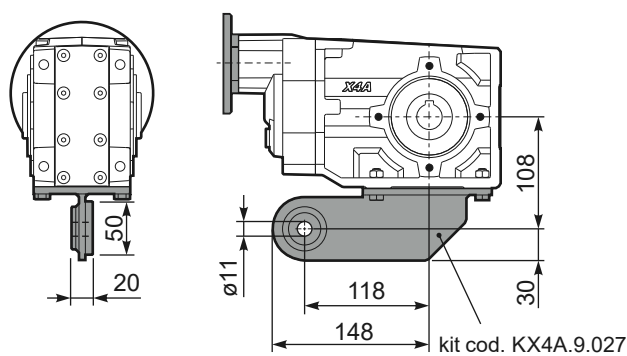
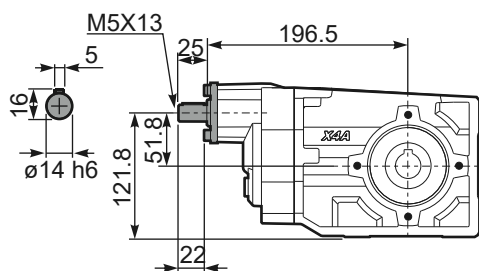
Universal Motors SL  
C/La Habana n.6 nave 4 PI Camporoso  
28806 Alcala de Henares  
[info@universalmotors-group.es](mailto:info@universalmotors-group.es)  
TEL.: 918 864 213

**PX43AC...**Basic Gearbox  
Riduttore baseGearbox  
weight  
peso riduttore**7.93 kg**

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



4 holes M8x12

Mounting holes  
positionPosizione fori  
di montaggio**Standard**  
Hollow shaft**On request**  
A richiesta**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