

Technical Data Sheet  
Gearbox  
HELLICAL BEVEL

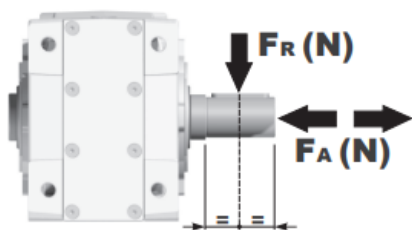


|                    |            |
|--------------------|------------|
| MODEL              | X63A       |
| Ø OUTPUT SHAFT     | 35 mm      |
| APPROXIMATE RATIO  | 163        |
| EXACT RATIO        | 163.16     |
| OUTPUT SPEED       | 9 RPM      |
| EXACT OUTPUT SPEED | 9 RPM      |
| INPUT POWER        | 0.25 KW    |
| INPUT ROTATION     | 1400 RPM   |
| INPUT PAM          | 71B5       |
| OUTPUT TORQUE      | 261.53 N.m |
| NOMINAL TORQUE     | 410.00 N.m |
| NOMINAL POWER      | 0.39 KW    |
| SERVICE FACTOR     | 1.56       |
| DYNAMIC EFFICIENCY | 0.94       |

Oil Quantity (L)

| B3/H1 | B6/H4 | B7/H3 | B8/H2 | V5/H5 | V6/H6 |
|-------|-------|-------|-------|-------|-------|
| 1.8   | 1.8   | 1.05  | 1.7   | 2.6   | 1.65  |

Radial and Axial Loads



| $n_2$ [min-1] | FA [N] | FR [N] |
|---------------|--------|--------|
| 250           | 600    | 3000   |
| 100           | 780    | 3900   |
| 50            | 1140   | 5700   |
| 15            | 1660   | 8300   |

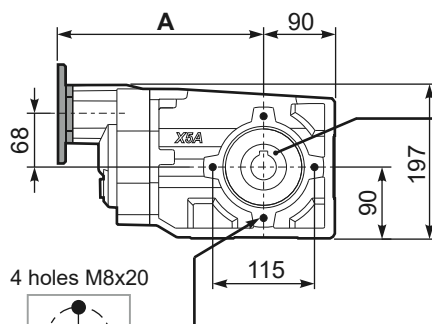
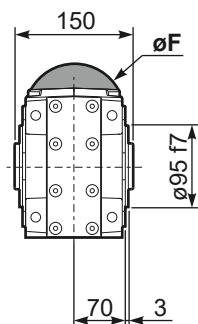
Universal Motors S.A.  
Rua Comendador Brandão, 484  
4495-375 Póvoa de Varzim  
[geral@universalmotors.pt](mailto:geral@universalmotors.pt)  
TEL.: 252 299 080

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

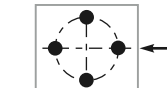
Universal Motors SL  
C/La Habana n.6 nave 4 PI Camporoso  
28806 Alcala de Henares  
[info@universalmotors-group.es](mailto:info@universalmotors-group.es)  
TEL.: 918 864 213

**PX63AC...**Basic Gearbox  
Riduttore baseGearbox  
weight  
peso riduttore**15.98 kg**

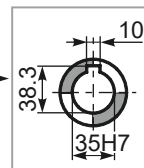
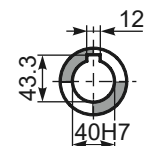
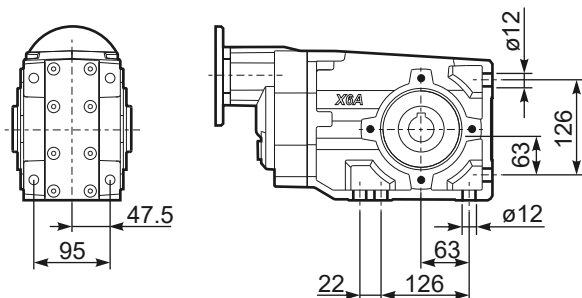
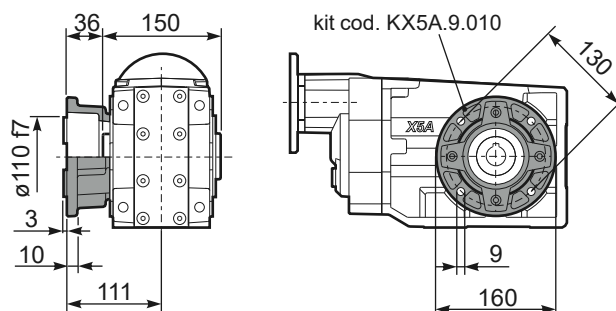
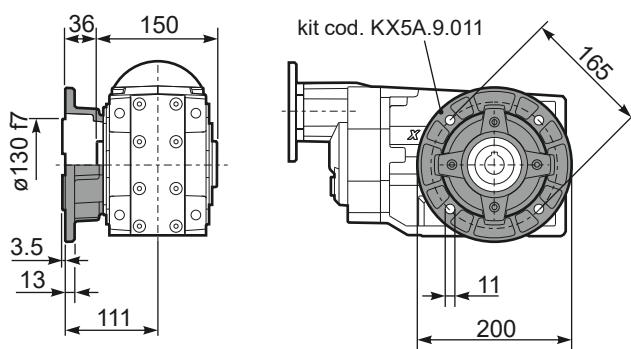
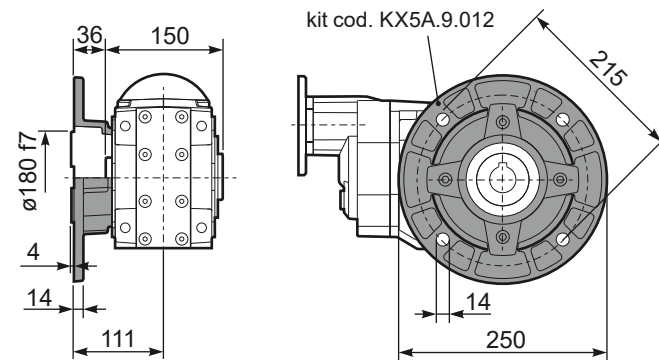
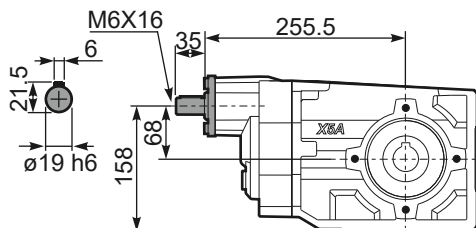
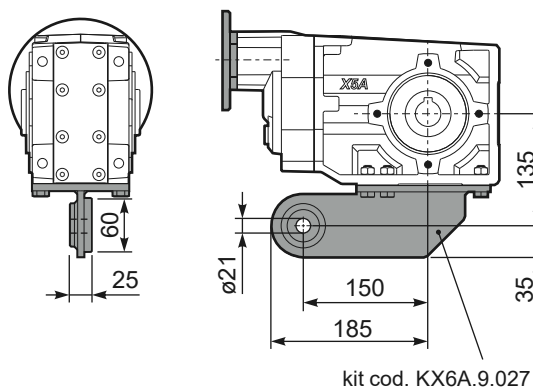
| M. flanges     | Kit code   | øF  | A   |
|----------------|------------|-----|-----|
| <b>63B5</b>    | K063.4.041 | 140 | 265 |
| <b>71B5</b>    | K063.4.042 | 160 | 263 |
| <b>80/90B5</b> | K063.4.043 | 200 | 265 |
| <b>71B14</b>   | K063.4.047 | 105 | 263 |
| <b>80B14</b>   | K063.4.046 | 120 | 265 |
| <b>90B14</b>   | K063.4.041 | 140 | 265 |



4 holes M8x20

**Mounting holes position**

Posizione fori di montaggio

**Standard**  
Hollow shaft**On request**  
A richiesta**PX63A...FB..**Feet  
Piedini**PX63A...-F2..**Output flange  
Flangia uscita**PX63A...-F3..**Output flange  
Flangia uscita**PX63A...-F4..**Output flange  
Flangia uscita**RX63A...**Input shaft  
Albero in entrata**PX63A...BR..**Reaction Arm  
Braccio di reazione**PX63AA..**Single output shaft  
Albero semplice in uscita