

Technical Data Sheet  
Gearbox  
HELLICAL BEVEL

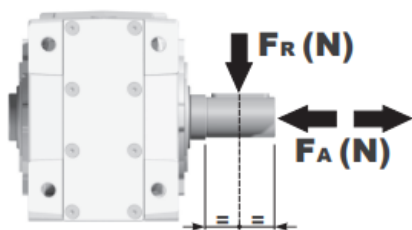


|                    |            |
|--------------------|------------|
| MODEL              | X43A       |
| Ø OUTPUT SHAFT     | 25 mm      |
| APPROXIMATE RATIO  | 272        |
| EXACT RATIO        | 272.47     |
| OUTPUT SPEED       | 5 RPM      |
| EXACT OUTPUT SPEED | 5 RPM      |
| INPUT POWER        | 0.12 KW    |
| INPUT ROTATION     | 1400 RPM   |
| INPUT PAM          | 63B5       |
| OUTPUT TORQUE      | 209.64 N.m |
| NOMINAL TORQUE     | 150.00 N.m |
| NOMINAL POWER      | 0.09 KW    |
| SERVICE FACTOR     | 0.75       |
| 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   |

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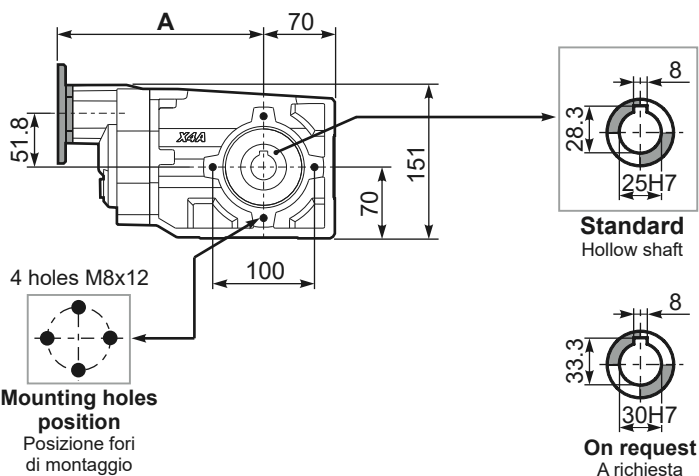
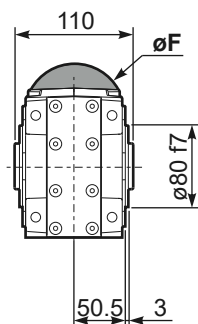
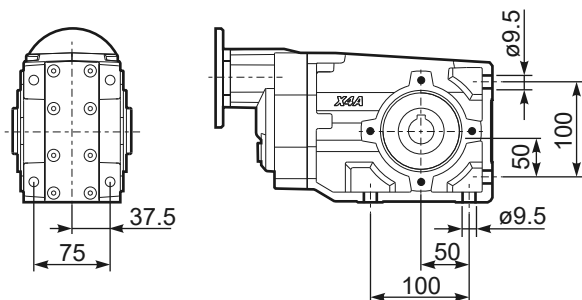
**P**X43AC...

Basic Gearbox  
Riduttore base

**Gearbox weight**  
peso riduttore

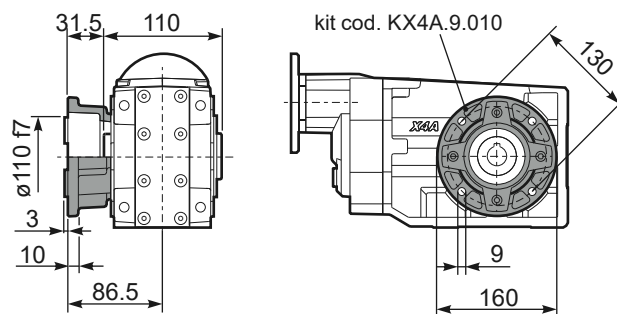
**7.93 kg**

| M. flanges   | Kit code   | $\phi F$ | 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 |

PX43A...**FB..**Feet  
Piedini

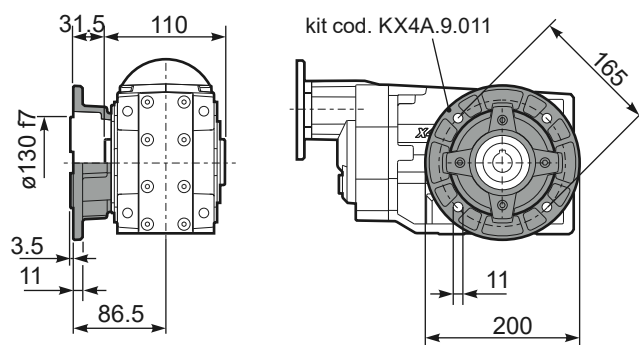
PX43A...**-F2**... Output flange  
Flangia uscita

- Flangia uscita



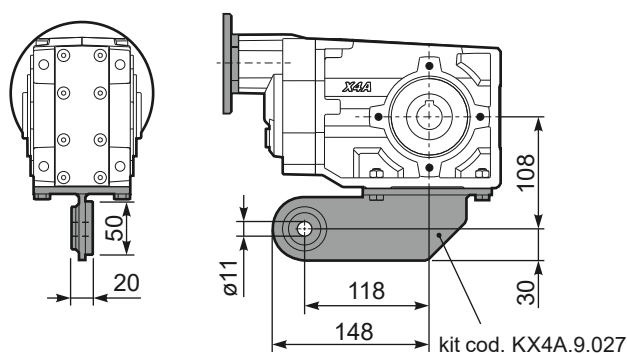
PX43A...**-F3**.. Output flange  
Flangia uscita

Output flange  
Flangia uscita



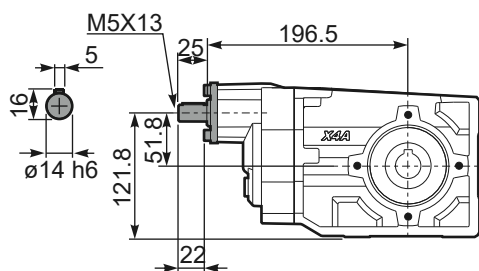
PX43A...**BR..** Reaction Arm  
Braccio di reazione

Braccio di reazione



## RX43A...

Input shaft  
Albero in entrata



PX43A**A**.. Single output shaft  
Albero semplice in uscita

Single output shaft  
Albero semplice in uscita

