

Technical Data Sheet  
Gearbox  
HELLICAL BEVEL

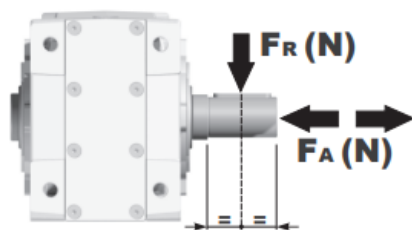


|                    |            |
|--------------------|------------|
| MODEL              | X42A       |
| Ø OUTPUT SHAFT     | 25 mm      |
| APPROXIMATE RATIO  | 20         |
| EXACT RATIO        | 20.25      |
| OUTPUT SPEED       | 73 RPM     |
| EXACT OUTPUT SPEED | 72 RPM     |
| INPUT POWER        | 0.75 KW    |
| INPUT ROTATION     | 1400 RPM   |
| INPUT PAM          | 80B14      |
| OUTPUT TORQUE      | 99.45 N.m  |
| NOMINAL TORQUE     | 150.00 N.m |
| NOMINAL POWER      | 1.1 KW     |
| SERVICE FACTOR     | 1.47       |
| DYNAMIC EFFICIENCY | 0.96       |

Oil Quantity (L)

| B3/H1 | B6/H4 | B7/H3 | B8/H2 | V5/H5 | V6/H6 |
|-------|-------|-------|-------|-------|-------|
| 0.6   | 0.75  | 0.5   | 0.7   | 1.1   | 0.6   |

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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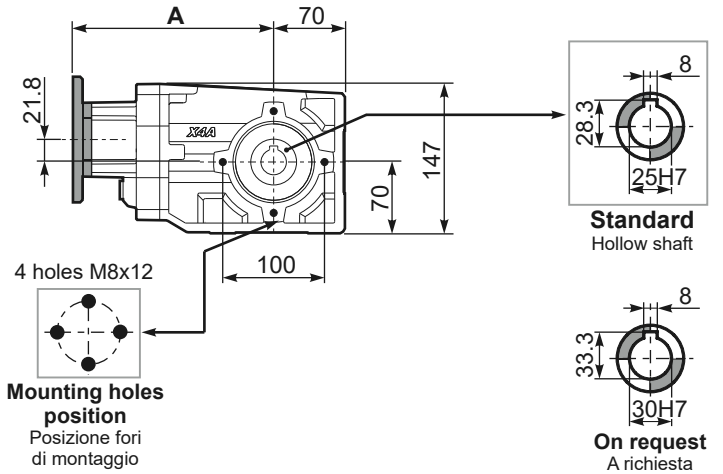
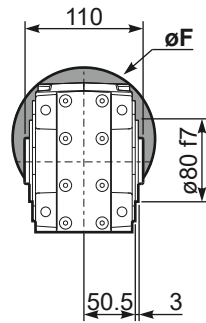
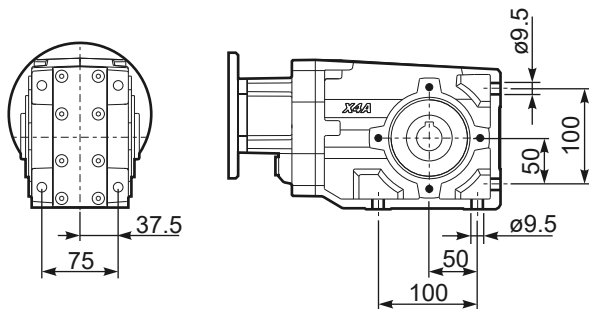
**P**X42AC...

## Basic Gearbox

### Riduttore base

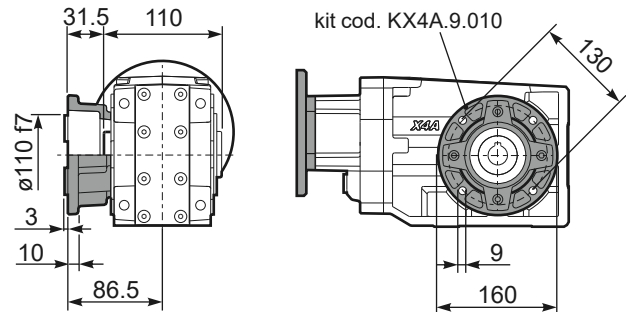
|                                         |                |
|-----------------------------------------|----------------|
| <b>Gearbox weight</b><br>peso riduttore | <b>7.82 kg</b> |
|-----------------------------------------|----------------|

| M. flanges        | Kit code   | $\phi F$ | A     |
|-------------------|------------|----------|-------|
| <b>63B5</b>       | K063.4.041 | 140      | 199.5 |
| <b>71B5</b>       | K063.4.042 | 160      | 197.5 |
| <b>80/90B5</b>    | K063.4.043 | 200      | 199.5 |
| <b>100/112B5</b>  | KC40.4.043 | 250      | 214.3 |
|                   |            |          |       |
| <b>71B14</b>      | K063.4.047 | 105      | 197.5 |
| <b>80B14</b>      | K063.4.046 | 120      | 199.5 |
| <b>90B14</b>      | K063.4.041 | 140      | 199.5 |
| <b>100/112B14</b> | KC40.4.041 | 160      | 214.5 |

PX42A...**FB**..Feet  
Piedini

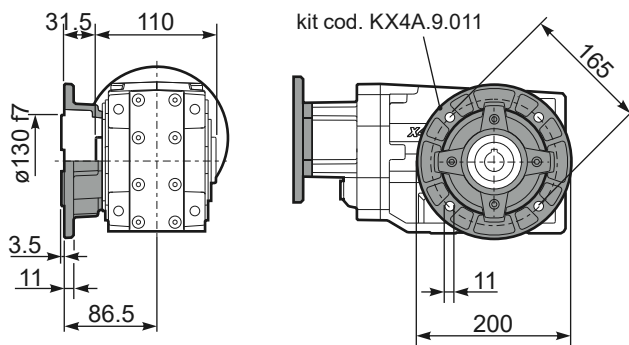
PX42A...-F2.

Output flange  
· Flangia uscita

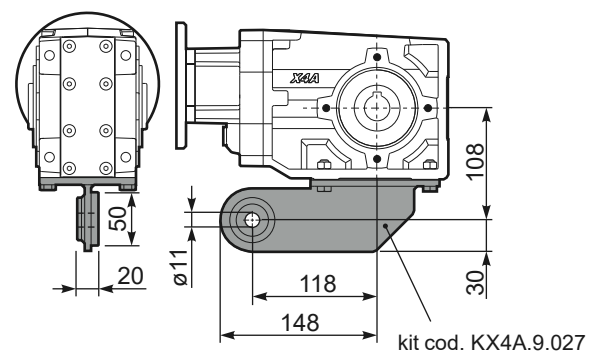


PX42A...**-F3..** Output flange  
Flangia uscita

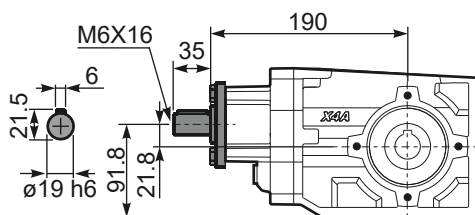
Flangia uscita

PX42A...**BR**

Reaction Arm  
Braccio di reazione

**RX42A...**

Input shaft  
Albero in entrata



## PX42A..

Single output shaft  
Albero semplice in uscita

