

Technical Data Sheet  
Gearbox  
HELLICAL BEVEL



|                    |            |
|--------------------|------------|
| MODEL              | X52A       |
| Ø OUTPUT SHAFT     | 30 mm      |
| APPROXIMATE RATIO  | 20         |
| EXACT RATIO        | 19.97      |
| OUTPUT SPEED       | 73 RPM     |
| EXACT OUTPUT SPEED | 73 RPM     |
| INPUT POWER        | 2.20 KW    |
| INPUT ROTATION     | 1400 RPM   |
| INPUT PAM          | 100B14     |
| OUTPUT TORQUE      | 287.68 N.m |
| NOMINAL TORQUE     | 250.00 N.m |
| NOMINAL POWER      | 1.9 KW     |
| SERVICE FACTOR     | 0.86       |
| DYNAMIC EFFICIENCY | 0.96       |

#### Oil Quantity (L)

| B3/H1 | B6/H4 | B7/H3 | B8/H2 | V5/H5 | V6/H6 |
|-------|-------|-------|-------|-------|-------|
| 0.9   | 1.5   | 0.75  | 1.4   | 1.95  | 1.15  |

#### Radial and Axial Loads



| $n_2$ [min-1] | FA [N] | FR [N] |
|---------------|--------|--------|
| 250           | 600    | 3000   |
| 100           | 800    | 4000   |
| 50            | 960    | 4800   |
| 15            | 1660   | 8300   |

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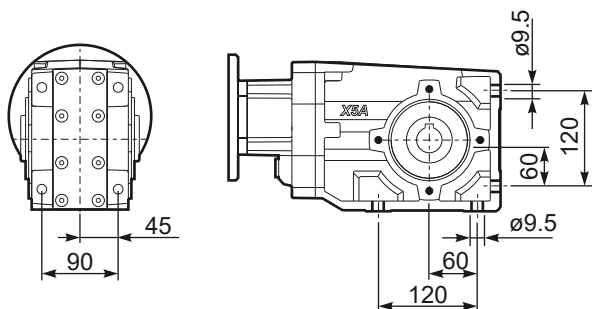
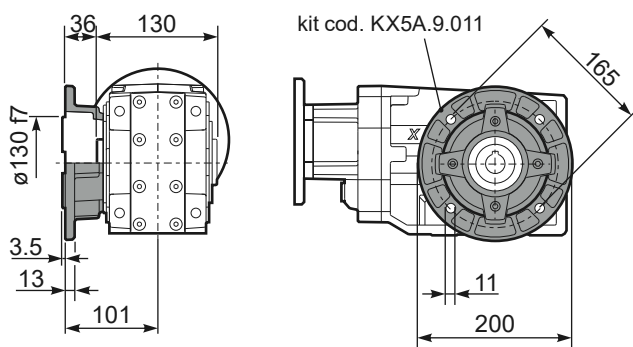
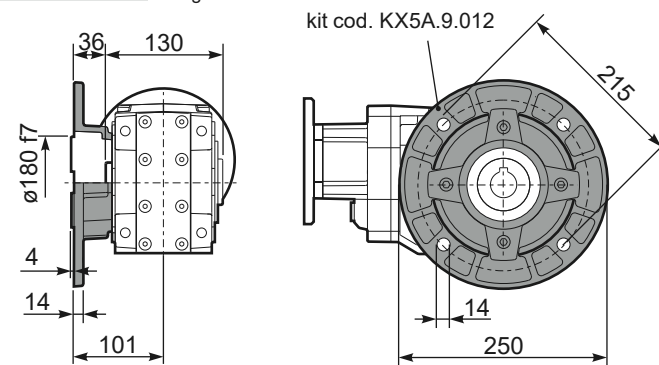
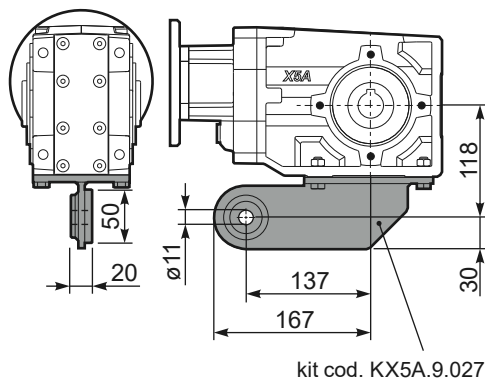
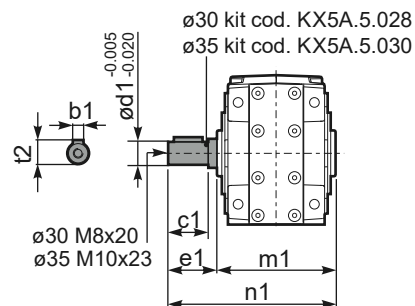
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**PX52AC...**Basic Gearbox  
Riduttore baseGearbox  
weight  
peso riduttore**12.80 kg**

| M. flanges        | Kit code   | øF  | A   |
|-------------------|------------|-----|-----|
| <b>71B5</b>       | K023.4.041 | 160 | 234 |
| <b>80/90B5</b>    | K023.4.042 | 200 | 236 |
| <b>100/112B5</b>  | K023.4.043 | 250 | 245 |
| <b>80B14</b>      | K085.4.046 | 120 | 236 |
| <b>90B14</b>      | K085.4.045 | 140 | 236 |
| <b>100/112B14</b> | K085.4.047 | 160 | 245 |



4 holes M8x15

Mounting holes  
positionPosizione fori  
di montaggio**Standard**  
Hollow shaft**On request**  
A richiesta**PX52A...FB..**Feet  
Piedini**PX52A...-F2..**Output flange  
Flangia uscita**PX52A...-F3..**Output flange  
Flangia uscita**PX52A...-F4..**Output flange  
Flangia uscita**RX52A...**Input shaft  
Albero in entrata**PX52A...BR..**Reaction Arm  
Braccio di reazione**PX52AA..**Single output shaft  
Albero semplice in uscita

|            | b1 | c1 | d1 | e1   | m1  | n1    | t2 |
|------------|----|----|----|------|-----|-------|----|
| <b>ø30</b> | 8  | 60 | 30 | 68   | 134 | 202   | 33 |
| <b>ø35</b> | 10 | 60 | 35 | 73.5 | 141 | 214.5 | 38 |