

Technical Data Sheet  
Gearbox  
HELLICAL BEVEL



|                    |            |
|--------------------|------------|
| MODEL              | X53A       |
| Ø OUTPUT SHAFT     | 30 mm      |
| APPROXIMATE RATIO  | 77         |
| EXACT RATIO        | 77.23      |
| OUTPUT SPEED       | 19 RPM     |
| EXACT OUTPUT SPEED | 19 RPM     |
| INPUT POWER        | 0.25 KW    |
| INPUT ROTATION     | 1400 RPM   |
| INPUT PAM          | 71B14      |
| OUTPUT TORQUE      | 123.79 N.m |
| NOMINAL TORQUE     | 250.00 N.m |
| NOMINAL POWER      | 0.5 KW     |
| SERVICE FACTOR     | 2.00       |
| DYNAMIC EFFICIENCY | 0.94       |

Oil Quantity (L)

| B3/H1 | B6/H4 | B7/H3 | B8/H2 | V5/H5 | V6/H6 |
|-------|-------|-------|-------|-------|-------|
| 1.3   | 1.55  | 0.85  | 1.45  | 2.1   | 1.25  |

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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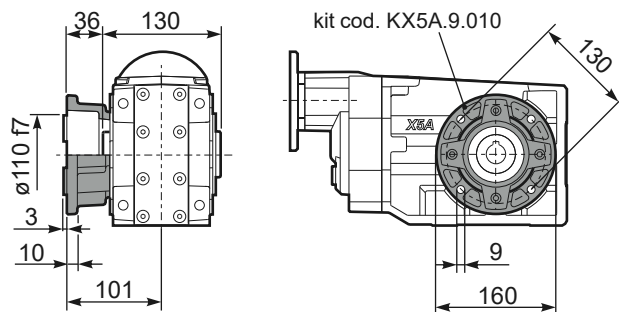
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**PX53AC...**Basic Gearbox  
Riduttore baseGearbox  
weight  
peso riduttore **12.65 kg**

| M. flanges     | Kit code   | øF  | A   |
|----------------|------------|-----|-----|
| <b>63B5</b>    | K063.4.041 | 140 | 246 |
| <b>71B5</b>    | K063.4.042 | 160 | 244 |
| <b>80/90B5</b> | K063.4.043 | 200 | 246 |
| <b>71B14</b>   | K063.4.047 | 105 | 244 |
| <b>80B14</b>   | K063.4.046 | 120 | 246 |
| <b>90B14</b>   | K063.4.041 | 140 | 246 |



4 holes M8x15

Mounting holes  
positionPosizione fori  
di montaggio**Standard**  
Hollow shaft**On request**  
A richiesta**PX53A...FB..**Feet  
Piedini**PX53A...-F2..**Output flange  
Flangia uscita**PX53A...-F3..**Output flange  
Flangia uscita**PX53A...-F4..**Output flange  
Flangia uscita**RX53A...**Input shaft  
Albero in entrata**PX53A...BR..**Reaction Arm  
Braccio di reazione

kit cod. KX5A.9.027

**PX53AA..**Single output shaft  
Albero semplice in uscita