

Technical Data Sheet  
Gearbox  
HELLICAL BEVEL

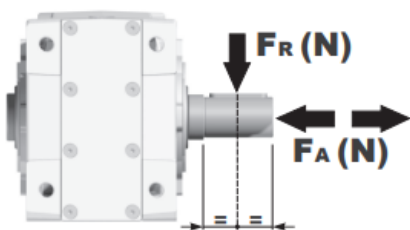


|                    |                    |     |
|--------------------|--------------------|-----|
| MODEL              | X53A               |     |
| Ø OUTPUT SHAFT     | 30                 | mm  |
| APPROXIMATE RATIO  | 57                 |     |
| EXACT RATIO        | 56.76              |     |
| OUTPUT SPEED       | 26                 | RPM |
| EXACT OUTPUT SPEED | 26                 | RPM |
| INPUT POWER        | 0.55               | KW  |
| INPUT ROTATION     | 1400               | RPM |
| INPUT PAM          | 80B5               |     |
| OUTPUT TORQUE      | 200.16             | N.m |
| NOMINAL TORQUE     | 250.00             | N.m |
| NOMINAL POWER      | 0.6899999999999999 | KW  |
| SERVICE FACTOR     | 1.25               |     |
| 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] | $F_A$ [N] | $F_R$ [N] |
|---------------|-----------|-----------|
| 250           | 600       | 3000      |
| 100           | 800       | 4000      |
| 50            | 960       | 4800      |
| 15            | 1660      | 8300      |

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