

Technical Data Sheet  
Gearbox  
SHAFT MOUNTED



|                    |        |     |
|--------------------|--------|-----|
| MODEL              | FA53   |     |
| Ø OUTPUT SHAFT     | 35     | mm  |
| APPROXIMATE RATIO  | 126    |     |
| EXACT RATIO        | 125.96 |     |
| OUTPUT SPEED       | 12     | RPM |
| EXACT OUTPUT SPEED | 12     | RPM |
| INPUT POWER        | 0.25   | KW  |
| INPUT ROTATION     | 1400   | RPM |
| INPUT PAM          | 71B5   |     |
| OUTPUT TORQUE      | 201.90 | N.m |
| NOMINAL TORQUE     | 510.00 | N.m |
| NOMINAL POWER      | 0.63   | KW  |
| SERVICE FACTOR     | 2.52   |     |
| DYNAMIC EFFICIENCY | 0.94   |     |



#### Oil Quantity (L)

| B3/H1 | B6/H4 | B7/H3 | B8/H2 | V5/H5 | V6/H6 |
|-------|-------|-------|-------|-------|-------|
| 2.15  | 1.25  | 1.25  | 1.45  | 2.35  | 1.45  |

#### Radial and Axial Loads



| $n_2$ [min-1] | FA [N] | FR [N] |
|---------------|--------|--------|
| 300           | 400    | 2000   |
| 200           | 440    | 2200   |
| 120           | 500    | 2500   |
| 15            | 1140   | 5700   |

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## PFA53C...

Basic gearbox  
Riduttore baseGearbox weight  
peso riduttore **15.5 kg**

| M. flanges | Kit code   | øF  | A   |
|------------|------------|-----|-----|
| 63B5       | K063.4.041 | 140 | 239 |
| 71B5       | K063.4.042 | 160 | 237 |
| 80/90B5    | K063.4.043 | 200 | 239 |
| 71B14      | K063.4.047 | 105 | 237 |
| 80B14      | K063.4.046 | 120 | 239 |
| 90B14      | K063.4.041 | 140 | 239 |

- Available torque arms,  
see our web site  
Bracci di reazione disponibili,  
consulta il nostro sito web

Standard  
Hollow shaftOn request  
A richiesta

## PFA53...-F...

Output flange  
Flangia uscita

| Motor Flange | k1  |
|--------------|-----|
| 63B5         | 272 |
| 71B5         | 270 |
| 80/90B5      | 272 |
| 71B14        | 270 |
| 80B14        | 272 |
| 90B14        | 272 |

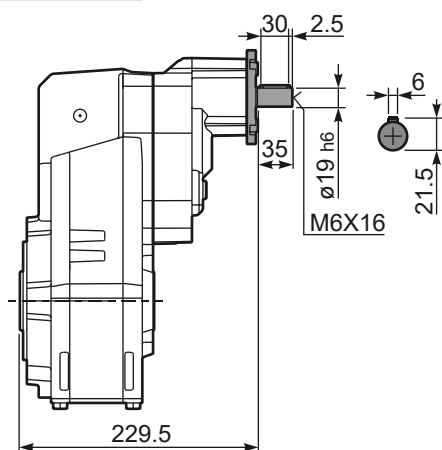


## Available output flanges

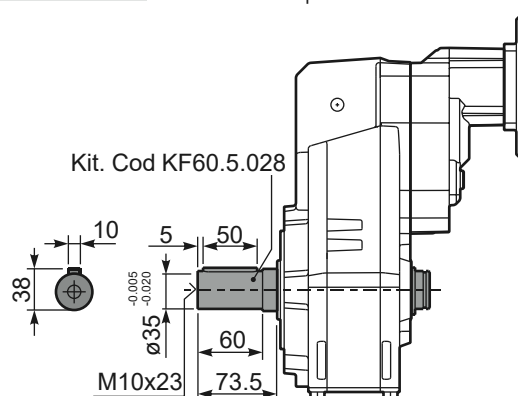
Flange di uscita

| a1 ø | b1  | c1 | e1  | s1 | Kit code   |
|------|-----|----|-----|----|------------|
| 250  | 180 | 13 | 215 | 14 | KF60.9.011 |
| -    | -   | -  | -   | -  | -          |

## RFA53C...

Input Shaft  
Albero in entrata

## PFA53 A...

Single output shaft  
Albero uscita semplice

## PFA53D...

Shrink disk  
Calettatore