

Ficha Técnica  
Redutor de Velocidade  
PARAFUSO SEM FIM QUADRADO



|                        |        |     |
|------------------------|--------|-----|
| MODELO                 | Q85    |     |
| Ø VEIO SAÍDA           | 35     | mm  |
| RÁCIO APROXIMADO       | 20     |     |
| RÁCIO EXATO            | 22.00  |     |
| VELOCIDADE SAÍDA       | 73     | RPM |
| VELOCIDADE SAÍDA EXATA | 66     | RPM |
| POTÊNCIA ENTRADA       | 1.50   | KW  |
| ROTAÇÃO ENTRADA        | 1400   | RPM |
| PAM ENTRADA            | 90B14  |     |
| TORQUE SAÍDA           | 175.57 | N.m |
| TORQUE NOMINAL         | 294.00 | N.m |
| POTÊNCIA NOMINAL       | 2.5    | KW  |
| FATOR SERVIÇO          | 1.67   |     |
| EFICIÊNCIA DINÂMICA    | 0.78   |     |



QUANTIDADE DE ÓLEO (L)

| B3/H1 | B6/H4 | B7/H3 | B8/H2 | V5/H5 | V6/H6 |
|-------|-------|-------|-------|-------|-------|
| 1.2   | 1.2   | 1.2   | 1.2   | 1.2   | 1.2   |

CARGAS RADIAIS E AXIAIS



| $n_2$ [min-1] | $F_A$ [N] | $F_R$ [N] |
|---------------|-----------|-----------|
| 200           | 500       | 2500      |
| 100           | 600       | 3000      |
| 50            | 800       | 4000      |
| 15            | 1160      | 5800      |

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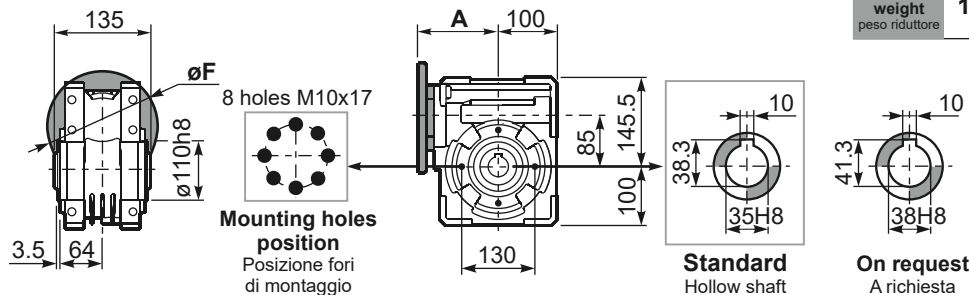
Universal Motors SL  
C/La Habana n.6 nave 4 PI Camporoso  
28806 Alcala de Henares  
[info@universalmotors-group.es](mailto:info@universalmotors-group.es)  
TEL.: 918 864 213

## PQ85FB...

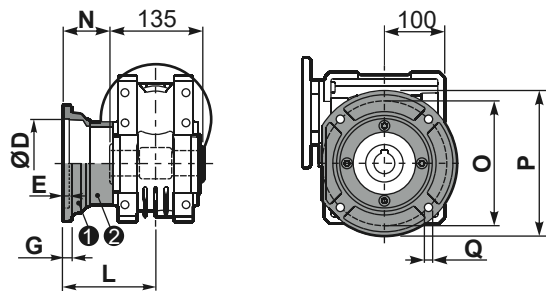
Basic wormbox  
Riduttore baseGearbox  
weight  
peso riduttore

12.1 kg

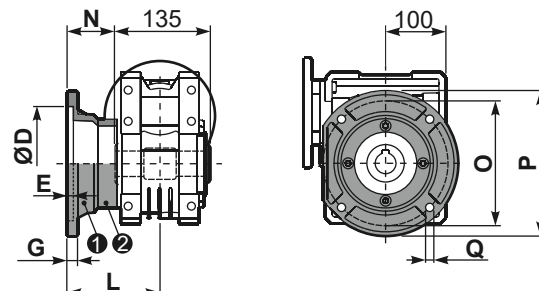
| M. flanges | Kit code   | øF  | A     |
|------------|------------|-----|-------|
| 71B5       | K023.4.041 | 160 | 116.5 |
| 80/90B5    | K023.4.042 | 200 | 118.5 |
| 100/112B5  | K023.4.043 | 250 | 127.5 |
| 80B14      | K085.4.046 | 120 | 118.5 |
| 90B14      | K085.4.045 | 140 | 118.5 |
| 100/112B14 | K085.4.047 | 160 | 127.5 |

Standard  
Hollow shaftOn request  
A richiesta

## PQ85FC...

Output flange  
Flangia uscita

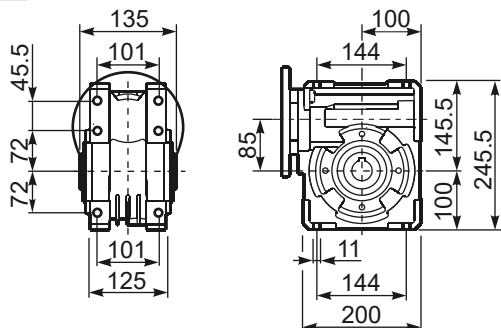
## PQ85F1...

Output flange  
Flangia uscita

| type B | øD                                    | E | G  | L     | N    | O   | P   | Q  | kit code                     |
|--------|---------------------------------------|---|----|-------|------|-----|-----|----|------------------------------|
| FC     | 152 <sup>+0.06</sup> <sub>+0.00</sub> | 5 | 16 | 108   | 40.5 | 176 | 205 | 13 | ① K085.9.010<br>② -          |
| FL     | 152 <sup>+0.06</sup> <sub>+0.00</sub> | 5 | 16 | 148.5 | 81   | 176 | 205 | 13 | ① K085.9.010<br>② K085.0.201 |

| type S | øD                                    | E | G  | L     | N  | O   | P   | Q    | kit code             |
|--------|---------------------------------------|---|----|-------|----|-----|-----|------|----------------------|
| F1     | 130 H7                                | 5 | 13 | 117.5 | 50 | 165 | 200 | 11.5 | ① KS085.9.012<br>② - |
| F2     | 152 <sup>+0.06</sup> <sub>+0.00</sub> | 5 | 15 | 147.5 | 80 | 180 | 205 | 12.5 | ① KS085.9.013<br>② - |
| F4     | 130 H7                                | 5 | 13 | 106.5 | 39 | 165 | 200 | 13   | ① KS085.9.015<br>② - |

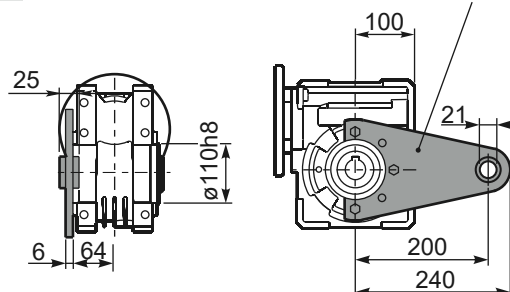
## PQ85FB...

Feet  
Piedini

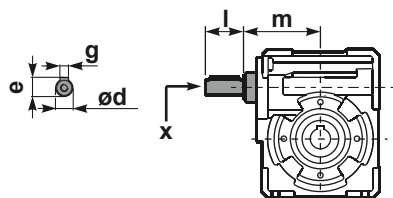
## PQ85BR...

Reaction arm  
Braccio di reazione

kit cod. K085.9.027



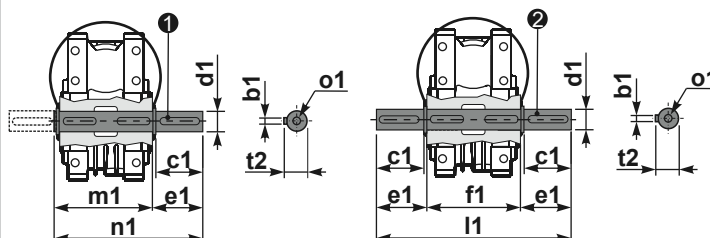
## RQ85FB...

Input shaft  
Albero in entrata

## PQ85.....S...

Single Shaft  
Albero lento semplice

## PQ85.....D...

Double Shaft  
Albero lento bisp.

① kit cod. K085.5.028 type B

② kit cod. K085.5.029 type B

|        | ød    | e  | g | l  | m   | x     | kit code                                    |
|--------|-------|----|---|----|-----|-------|---------------------------------------------|
| type B | 25 h6 | 28 | 8 | 50 | 112 | M8x20 | ① K085.5.007 PAM90<br>② K085.5.008 PAM100   |
| type S | 24 h6 | 27 | 8 | 50 | 112 | M8x20 | ① KS085.5.009 PAM90<br>② KS085.5.011 PAM100 |

|        | b1 | c1 | d1                                     | e1   | f1  | l1  | m1  | n1    | t2 | o1     |
|--------|----|----|----------------------------------------|------|-----|-----|-----|-------|----|--------|
| type B | 10 | 60 | 35 <sup>-0.005</sup> <sub>-0.020</sub> | 73.5 | 135 | 282 | 141 | 214.5 | 38 | M10x23 |
| type S | -  | -  | -                                      | -    | -   | -   | -   | -     | -  | -      |