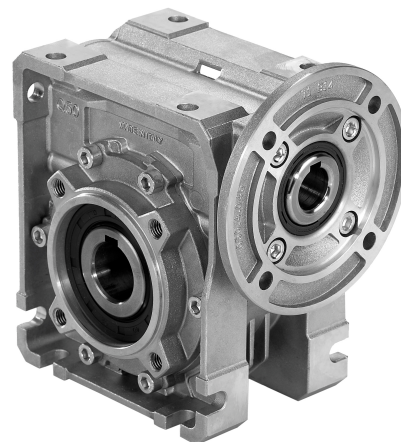


Ficha Técnica  
Redutor de Velocidade  
PARAFUSO SEM FIM QUADRADO



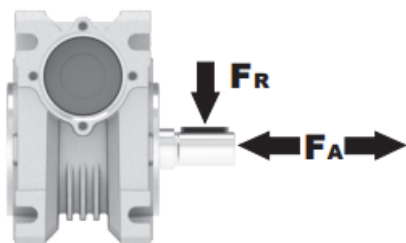
|                        |       |     |
|------------------------|-------|-----|
| MODELO                 | M45   |     |
| Ø VEIO SAÍDA           | 18    | mm  |
| RÁCIO APROXIMADO       | 45    |     |
| RÁCIO EXATO            | 46.00 |     |
| VELOCIDADE SAÍDA       | 32    | RPM |
| VELOCIDADE SAÍDA EXATA | 32    | RPM |
| POTÊNCIA ENTRADA       | 0.18  | KW  |
| ROTAÇÃO ENTRADA        | 1400  | RPM |
| PAM ENTRADA            | 63B5  |     |
| TORQUE SAÍDA           | 33.32 | N.m |
| TORQUE NOMINAL         | 41.00 | N.m |
| POTÊNCIA NOMINAL       | 0.22  | KW  |
| FATOR SERVIÇO          | 1.22  |     |
| EFICIÊNCIA DINÂMICA    | 0.59  |     |



QUANTIDADE DE ÓLEO (L)

| B3/H1 | B6/H4 | B7/H3 | B8/H2 | V5/H5 | V6/H6 |
|-------|-------|-------|-------|-------|-------|
| 0.09  | 0.09  | 0.09  | 0.09  | 0.09  | 0.09  |

CARGAS RADIAIS E AXIAIS



| $n_2$ [min-1] | FA [N] | FR [N] |
|---------------|--------|--------|
| 200           | 180    | 900    |
| 100           | 220    | 1100   |
| 50            | 260    | 1400   |
| 15            | 400    | 2000   |

Universal Motors S.A.  
Rua Comendador Brandão, 484  
4495-375 Póvoa de Varzim  
[geral@universalmotors.pt](mailto:geral@universalmotors.pt)  
TEL.: 252 299 080

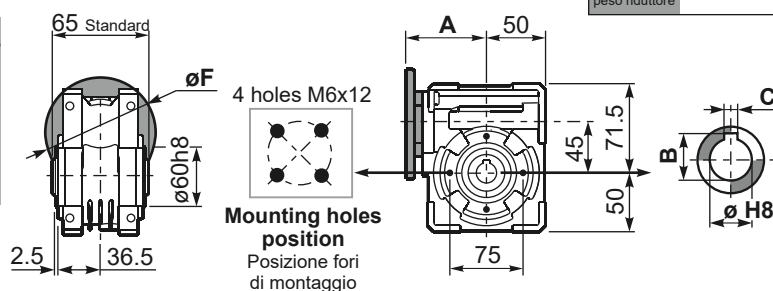
Universal Motors UK, Ltd  
Unit E2, Meltham Mills Road  
West Yorkshire HD9 4AR  
[enquiries@universalmotors-group.co.uk](mailto:enquiries@universalmotors-group.co.uk)  
TEL.: +44(0) 1484660222

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

## PM45FB...

Basic wormbox  
Riduttore base

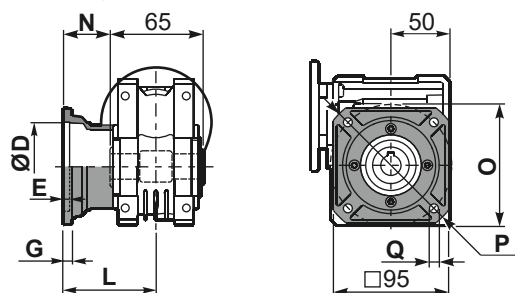
| M. flanges | Kit code   | øF  | A    |
|------------|------------|-----|------|
| 63B5       | K050.4.041 | 138 | 80   |
| 71B5       | K050.4.042 | 160 | 77.5 |
| 56B14      | KC40.4.049 | 80  | 77.5 |
| 63B14      | K050.4.047 | 90  | 80   |
| 71B14      | K050.4.045 | 105 | 77.5 |



| ø H8             | B    | C | *Spacer code |
|------------------|------|---|--------------|
| 18<br>Standard   | 20.8 | 6 | KM45.3.018   |
| 19<br>on request | 21.8 | 6 | KM45.3.019   |
| 20<br>on request | 22.8 | 6 | KM45.3.020   |

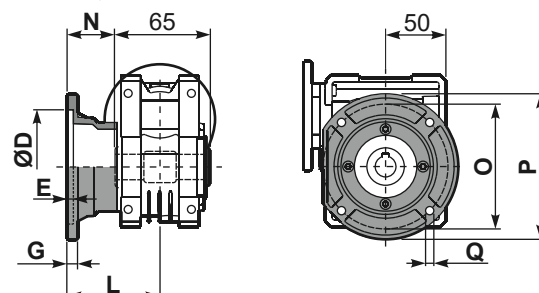
\*On Request  
output shaft with spacers

## PM45FC...

Square flange  
Flangia quadrata

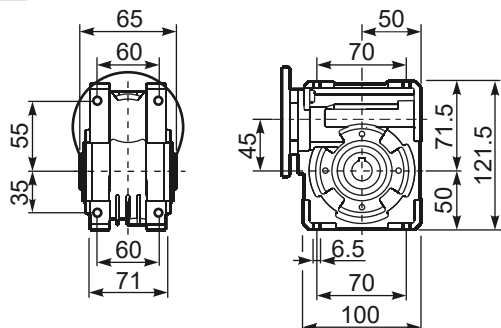
| type B | øD    | E | G | L  | N    | O  | P   | Q | kit code   |
|--------|-------|---|---|----|------|----|-----|---|------------|
| FC     | 60 H8 | 4 | 7 | 67 | 34.5 | 75 | 110 | 9 | KM45.9.010 |
| FL     | 60 H8 | 4 | 7 | 97 | 64.5 | 75 | 110 | 9 | KM45.9.011 |

## PM45F1...

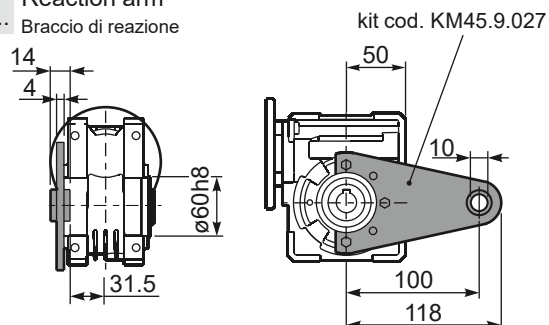
Round flange  
Flangia rotonda

| type S | øD   | E | G | L  | N    | O   | P   | Q   | kit code   |
|--------|------|---|---|----|------|-----|-----|-----|------------|
| F1     | 95H8 | 5 | 9 | 80 | 47.5 | 115 | 140 | 9.5 | KM45.9.012 |
| F2     | -    | - | - | -  | -    | -   | -   | -   | -          |

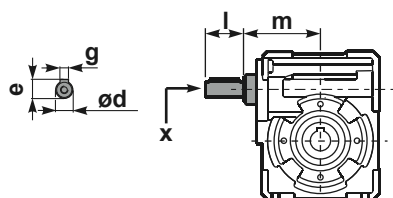
## PM45FB...

Feet  
Piedini

## PM45BR...

Reaction arm  
Braccio di reazione

## RM45FB...

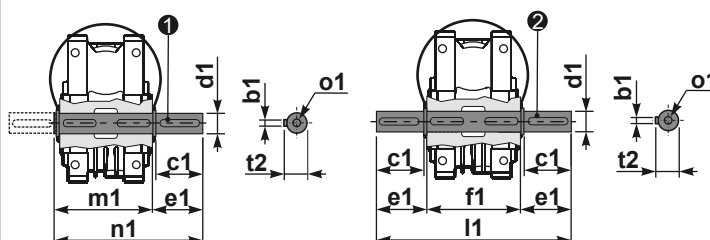
Input shaft  
Albero in entrata

|        | ød    | e    | g | l  | m  | x | kit code           |
|--------|-------|------|---|----|----|---|--------------------|
| type B | 11 h6 | 12.5 | 4 | 30 | 74 | - | ① K045.5.006 PAM71 |
| type S | -     | -    | - | -  | -  | - | ② -                |

## PM45.....S...

Single Shaft  
Albero lento semplice

## PM45.....D...

Double Shaft  
Albero lento bisp.① kit cod. K045.5.028 type B  
kit cod. KS045.5.030 type S

② kit cod. K045.5.029 type B

|        | b1 | c1 | d1                                     | e1   | f1 | l1  | m1 | n1    | t2   | o1    |
|--------|----|----|----------------------------------------|------|----|-----|----|-------|------|-------|
| type B | 6  | 32 | 18 <sup>-0.005</sup> <sub>-0.020</sub> | 43   | 65 | 151 | 70 | 113   | 20.5 | M6x18 |
| type S | 6  | 40 | 19 <sup>-0.005</sup> <sub>-0.020</sub> | 58.5 | -  | -   | 70 | 128.5 | 21.5 | M8x20 |