

Ficha Técnica  
Redutor de Velocidade  
PARAFUSO SEM FIM REDONDO



|                        |       |     |
|------------------------|-------|-----|
| MODELO                 | 030   |     |
| Ø VEIO SAÍDA           | 14    | mm  |
| RÁCIO APROXIMADO       | 5     |     |
| RÁCIO EXATO            | 5.00  |     |
| VELOCIDADE SAÍDA       | 292   | RPM |
| VELOCIDADE SAÍDA EXATA | 292   | RPM |
| POTÊNCIA ENTRADA       | 0.09  | KW  |
| ROTAÇÃO ENTRADA        | 1400  | RPM |
| PAM ENTRADA            | 56B14 |     |
| TORQUE SAÍDA           | 2.52  | N.m |
| TORQUE NOMINAL         | 17.00 | N.m |
| POTÊNCIA NOMINAL       | 0.6   | KW  |
| FATOR SERVIÇO          | 6.67  |     |
| EFICIÊNCIA DINÂMICA    | 0.82  |     |



QUANTIDADE DE ÓLEO (L)

| B3/H1 | B6/H4 | B7/H3 | B8/H2 | V5/H5 | V6/H6 |
|-------|-------|-------|-------|-------|-------|
| 0.03  | 0.03  | 0.03  | 0.03  | 0.03  | 0.03  |

CARGAS RADIAIS E AXIAIS



| $n_2$ [min-1] | FA [N] | FR [N] |
|---------------|--------|--------|
| 200           | 120    | 600    |
| 100           | 160    | 800    |
| 50            | 200    | 1000   |
| 15            | 280    | 1400   |

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

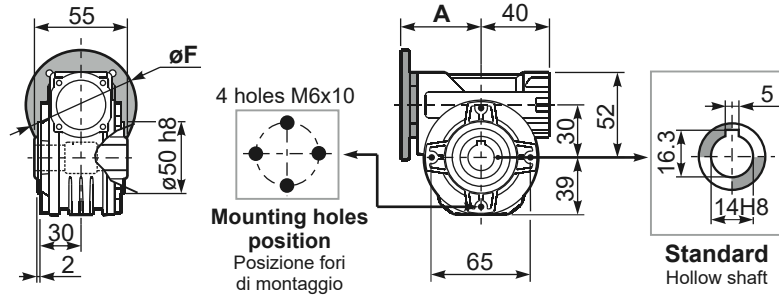
Universal Motors UK, Ltd  
Unit E2, Meltham Mills Road  
West Yorkshire HD9 4AR  
[enquiries@universalmotors-group.co.uk](mailto:enquiries@universalmotors-group.co.uk)  
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C/La Habana n.6 nave 4 PI Camporosso  
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TEL.: 918 864 213

**P030FB...** Basic wormbox  
Riduttore base

Gearbox weight  
peso riduttore **1.05 kg**

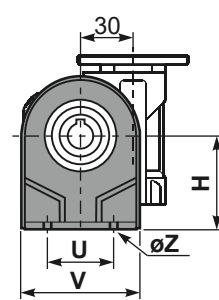
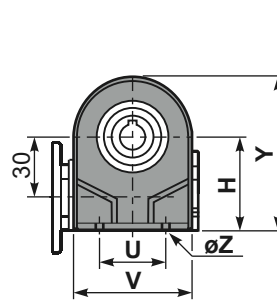
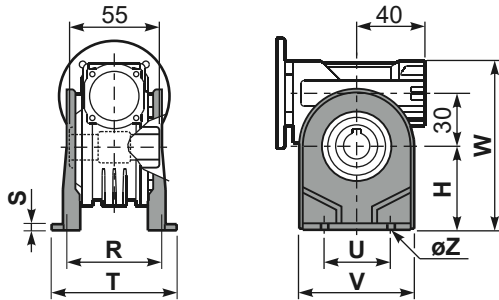
| M. flanges   | Kit code   | øF  | A    |
|--------------|------------|-----|------|
| <b>56B5</b>  | K030.4.041 | 120 | 61.5 |
| <b>63B5</b>  | K030.4.042 | 140 | 62.5 |
| <b>56B14</b> | K030.4.046 | 80  | 61.5 |
| <b>63B14</b> | K030.4.045 | 90  | 62.5 |



**P030PA...** Feet  
Piedini

**P030PB...** Feet  
Piedini

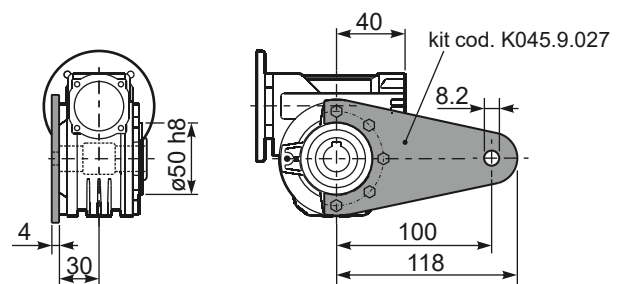
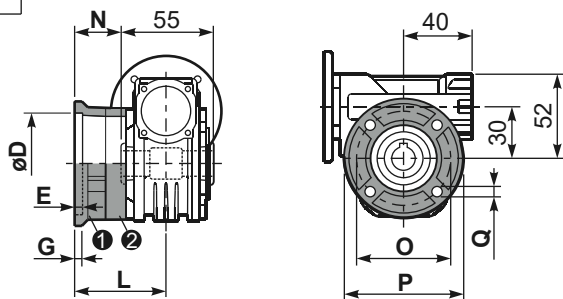
**P030PV...** Feet  
Piedini



|        | H  | R  | S | T  | U  | V  | Y  | W   | øZ   | kit code    |
|--------|----|----|---|----|----|----|----|-----|------|-------------|
| type B | 55 | 66 | 3 | 87 | 50 | 78 | 94 | 107 | ø6.5 | K030.9.022  |
| type S | 52 | 66 | 3 | 87 | 52 | 90 | 91 | 104 | ø6.5 | KS030.9.023 |

**P030FC...** Output flange  
Flangia uscita

**P030BR...** Reaction arm  
Braccio di reazione



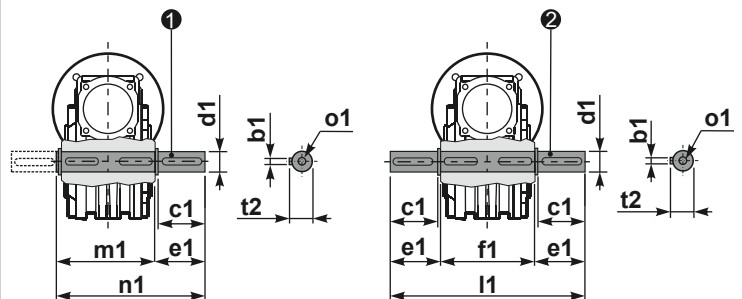
| type B    | øD                                     | E | G | L    | N  | O  | P   | Q   | kit code            |
|-----------|--|---|---|------|----|----|-----|-----|---------------------|
| <b>FC</b> | 50 <sup>+0.15</sup> / <sub>+0.05</sub> | 6 | 6 | 50.5 | 23 | 68 | 80  | 7   | ① K030.9.010<br>② - |
| <b>FL</b> | 60 <sup>+0.15</sup> / <sub>+0.05</sub> | 6 | 6 | 55.5 | 28 | 87 | 110 | 8.5 | ① K045.9.010<br>② - |

| type S    | øD                                     | E   | G   | L  | N    | O  | P  | Q   | kit code             |
|-----------|--|-----|-----|----|------|----|----|-----|----------------------|
| <b>F1</b> | 40 <sup>+0.15</sup> / <sub>+0.10</sub> | 3.5 | 5.5 | 49 | 21.5 | 56 | 80 | 6.5 | ① KS030.9.012<br>② - |

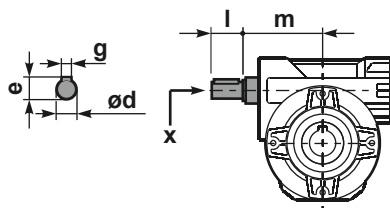
**P030.....S...** Single Shaft  
Albero lento semplice

**P030.....D...** Double Shaft  
Albero lento bisp.



① kit cod. K030.5.028 type B      ② kit cod. K030.5.029 type B

**R030FB...** Input shaft  
Albero in entrata



|        | ød   | e    | g | l  | m  | x | kit code         |
|--------|------|------|---|----|----|---|------------------|
| type B | 9 h6 | 10.2 | 3 | 20 | 58 | - | K030.5.006 PAM63 |
| type S | -    | -    | - | -  | -  | - | -                |

|        | b1 | c1 | d1                                       | e1   | f1 | l1  | m1 | n1   | t2 | o1    |
|--------|----|----|--|------|----|-----|----|------|----|-------|
| type B | 5  | 25 | 14 <sup>-0.005</sup> / <sub>-0.020</sub> | 35.5 | 55 | 126 | 59 | 94.5 | 16 | M5x14 |
| type S | -  | -  | -  | -    | -  | -   | -  | -    | -  | -     |