

Ficha Técnica  
Reductor de velocidad  
EJES PARALELOS



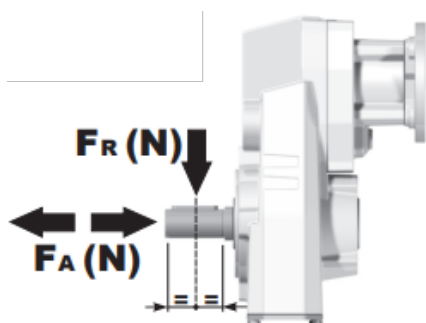
|                            |        |     |
|----------------------------|--------|-----|
| MODELO                     | FA42   |     |
| Ø EJE DE SALIDA            | 30     | mm  |
| RELACIÓN APROXIMADA        | 10     |     |
| RELACIÓN EXACTA            | 10.04  |     |
| VELOCIDAD DE SALIDA        | 146    | RPM |
| VELOCIDAD DE SALIDA EXACTA | 145    | RPM |
| POTENCIA DE ENTRADA        | 1.10   | KW  |
| ROTACIÓN DE ENTRADA        | 1400   | RPM |
| PAM DE ENTRADA             | 90B14  |     |
| PAR DE SALIDA              | 72.32  | N.m |
| PAR NOMINAL                | 240.00 | N.m |
| POTENCIA NOMINAL           | 3.7    | KW  |
| FACTOR DE SERVICIO         | 3.36   |     |
| EFICIENCIA DINÁMICA        | 0.96   |     |



Cantidad de Aceite (L)

| B3/H1 | B6/H4 | B7/H3 | B8/H2 | V5/H5 | V6/H6 |
|-------|-------|-------|-------|-------|-------|
| 1.15  | 0.7   | 0.7   | 0.7   | 1.2   | 0.8   |

Cargas Radiales y Axiales



| $n_2$ [min-1] | FA [N] | FR [N] |
|---------------|--------|--------|
| 300           | 300    | 1500   |
| 200           | 350    | 1750   |
| 120           | 410    | 2050   |
| 15            | 800    | 4000   |

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 Camporroso  
28806 Alcalá de Henares  
[info@universalmotors-group.es](mailto:info@universalmotors-group.es)  
TEL.: 918 864 213

**9.0 kg**

**On request**  
A richiesta

Technical drawing of a motor assembly showing side, front, and detail views with dimensions.

**Side View Dimensions:**

- Overall width:  $A$
- Top flange diameter:  $\varnothing 11$
- Top flange thickness: 40
- Motor body height: 123
- Motor body diameter:  $\varnothing F$
- Motor body mounting hole diameter:  $\varnothing 95 f7$
- Motor body mounting hole offset: 160
- Motor body mounting hole offset (total): 269
- Motor body mounting hole offset (bottom): 3.5
- Motor body mounting hole offset (bottom): 5
- Motor body mounting hole offset (bottom): 110

**Front View Dimensions:**

- Top flange diameter: 18
- Motor body height: 88
- Motor body diameter: 115
- Motor body mounting hole diameter: 178
- Motor body mounting hole offset: 4 holes M8x15

**Detail View Dimensions:**

- Motor body mounting hole diameter:  $\varnothing 45$
- Motor body mounting hole offset: 110
- Motor body mounting hole offset: 25H7
- Motor body mounting hole offset: 8