

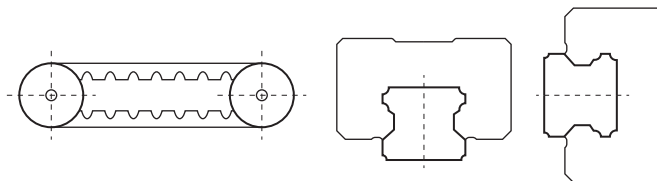
## Módulo lineal reforzado HTO 080 L carro largo abierto

### Codificación

HTO080L-500-GB-D01-P3

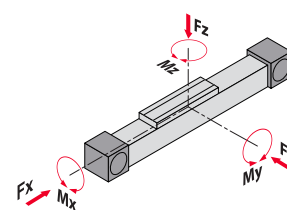


### Correa y guía



### Fuerzas y torsiones máximas

|                        |          |       |
|------------------------|----------|-------|
| <b>F máx.</b><br>(N)   | <b>x</b> | 4500  |
|                        | <b>y</b> | 10470 |
|                        | <b>z</b> | 10470 |
| <b>M máx.</b><br>(N·m) | <b>x</b> | 178   |
|                        | <b>y</b> | 590   |
|                        | <b>z</b> | 590   |

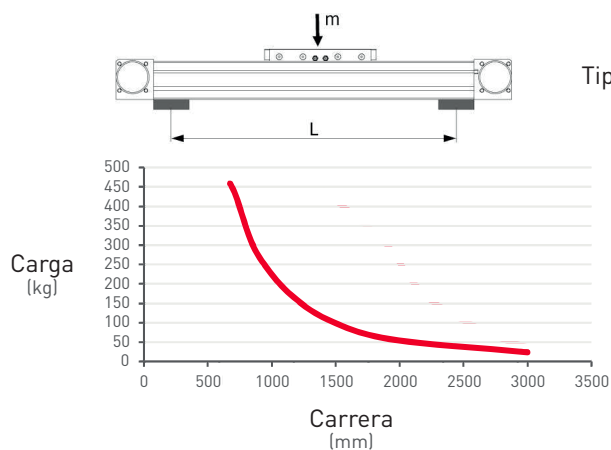


### Características técnicas

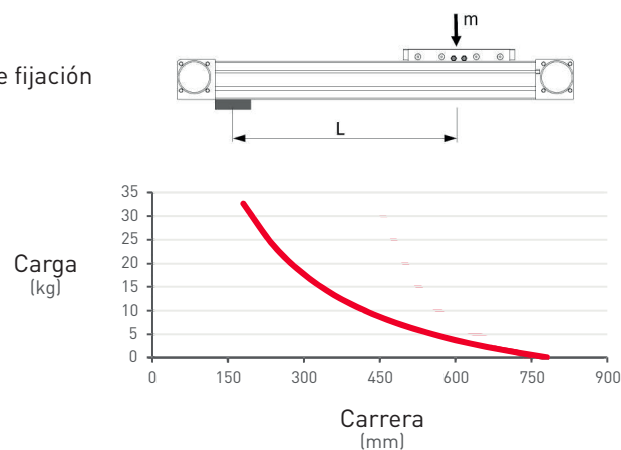
|                                 |          |
|---------------------------------|----------|
| Máxima velocidad                | 5 m/s    |
| Potencia recomendada servomotor | 750 W    |
| Correa                          | 8M30     |
| Avance por vuelta               | 176 mm   |
| Peso máximo trabajo horizontal  | 150 kg   |
| Peso máximo trabajo en vertical | 93 kg    |
| Par máximo de trabajo sin carga | 0,9 N·m  |
| Par máximo de trabajo con carga | 49,8 N·m |

|                                   |                                                |
|-----------------------------------|------------------------------------------------|
| Carrera                           | 100 – 7000 mm                                  |
| Precisión                         | ± 0.05 mm                                      |
| Sensor instalado (fin de carrera) | PM-T45(NPN) / PM-T45-P(PNP)                    |
| Guías y patines Hiwin             | 1x EGR20R + 3x EGH20C<br>1x EGR15R + 3x EGH15C |
| Reductor recomendado Kofon        | KPX085 / KPE090                                |
| Temperatura de trabajo            | 0 °C hasta +40 °C                              |
| Humedad de la zona de trabajo     | 35-90% RH                                      |
| Grado de protección               | IP53                                           |

### Capacidad de carga máxima según la fijación

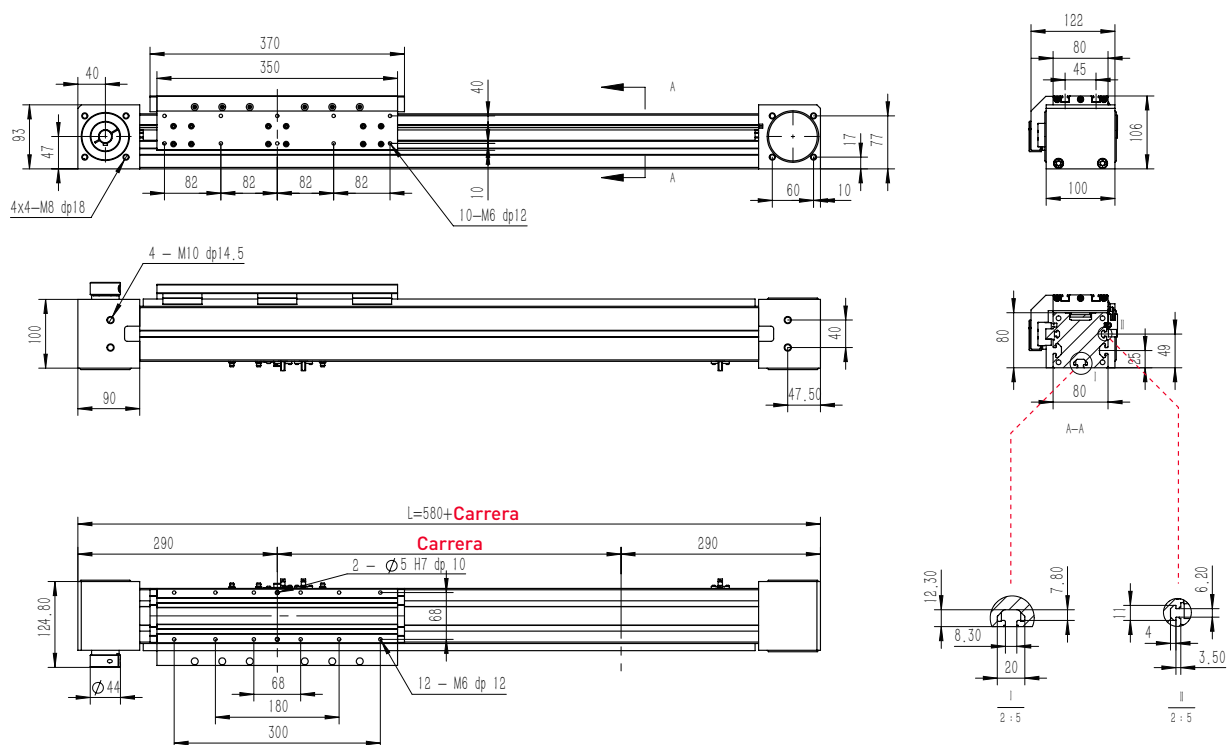


Tipos de fijación



## Módulo lineal reforzado HTO 080 L carro largo abierto

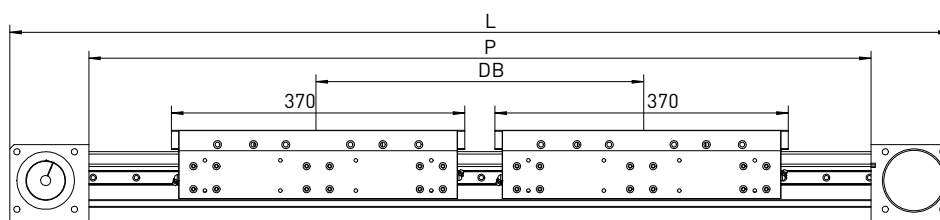
### Planos



| Carrera (mm) | 100   | 200   | 300   | 400   | 500   | 600   | 700   | 800   | 900   | 1000  | 1100  | 1200  | 1300  | 1400  | 1500  | 1600  | 1700  | 1800  | 1900  | 2000  |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| L            | 680   | 780   | 880   | 980   | 1080  | 1180  | 1280  | 1380  | 1480  | 1580  | 1680  | 1780  | 1880  | 1980  | 2080  | 2180  | 2280  | 2380  | 2480  | 2580  |
| Peso (kg)    | 12.70 | 13.68 | 14.66 | 15.64 | 16.62 | 17.60 | 18.58 | 19.56 | 20.54 | 21.52 | 22.50 | 23.48 | 24.96 | 25.94 | 26.42 | 27.40 | 28.38 | 29.36 | 30.34 | 31.32 |

| Carrera (mm) | 2100  | 2200  | 2300  | 2400  | 2500  | 2600  | 2700  | 2800  | 2900  | 3000  | 3100  | 3200  | 3300  | 3400  | 3500  | 3600  | 3700  | 3800  | 3900  | 4000  |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| L            | 2680  | 2780  | 2880  | 2980  | 3080  | 3180  | 3280  | 3380  | 3480  | 3580  | 3680  | 3780  | 3880  | 3980  | 4080  | 4180  | 4280  | 4380  | 4480  | 4580  |
| Peso (kg)    | 32.30 | 33.28 | 34.26 | 35.24 | 36.22 | 37.20 | 38.18 | 39.16 | 40.14 | 41.12 | 42.10 | 43.08 | 44.06 | 45.04 | 46.02 | 47.00 | 48.00 | 49.00 | 50.00 | 51.00 |

### Capacidades con doble carro



| DB mín.<br>(mm) | P<br>(mm)            | L<br>(mm)            | Fuerzas (N) y torsiones (N·m) máximas |       |       |     |                                       |                                       |
|-----------------|----------------------|----------------------|---------------------------------------|-------|-------|-----|---------------------------------------|---------------------------------------|
|                 |                      |                      | Fx                                    | Fy    | Fz    | Mx  | My                                    | Mz                                    |
| 420             | Carrera+(DB-370)+770 | Carrera+(DB-370)+950 | 4500                                  | 20940 | 20940 | 256 | 370+(DB-370)xFz <sup>máx.</sup> /1000 | 370+(DB-370)xFy <sup>máx.</sup> /1000 |