

Rotule TSM  
FPL-M20-18-DUNLOP - FPL-M20-18-DUNLOP

https://www.123roulement.ch/roulement-palier/rotule/tsm/fpl-m20-18-dunlop

FEMALE ROD ENDS

**DUNLOP**

FP SERIES: FP - FPS - FP SS

**Description:**  
FP-Series is our 3-piece standard range of self-lubricating general purpose female rod ends, suitable for light to medium heavy industrial/mechanical load applications requiring low friction and good wear resistance, available in both metric and imperial bore and thread sizes. They have excellent moisture resistance and require no maintenance and have a wide operating temperature range.

**Material Specifications:**  
Housing: Steel 230M07PB and forged 680M44, zinc plated and clear trivalent passivate and stainless steel 303L 304. Race: GR-nylon LV-3H. Ball: Bearing steel 100Cr6, case hardened and electroless nickel plated and stainless steel 440C and \*SAE440. Stud: Steel 230M07PB zinc plated and clear trivalent passivate and stainless steel 303L.

**Features:**  
Metric & imperial thread & bore sizes  
Low friction  
Self-lubricating  
Good wear resistance  
Excellent moisture resistance  
No maintenance

**Possible Applications:**  
Studded option  
Precision equipment  
Linear movement  
Light to medium/heavy industrial/mechanical applications  
Construction equipment  
Agricultural equipment  
Recreational vehicles

**Temperature Range:**  
-30°C to +170°C

**Specification:**  
ELV & RoHS compliant

Housing: Steel 230M07PB 1588: M10 - M12  
Forged 680M44 Sizes M1.5 - M20  
Zinc Plated and Clear Trivalent Passivate

Race: GR-Nylon, LV-3H

Ball: Bearing Steel 100Cr6, Case Hardened and Electro-less Nickel Plated

| Part No. Right Hand | Part No. Left Hand | Bore Size | Thread   | W  | H     | D  | L1 | L2 | O     | AF   | Static Load Rating Radial (Newtons) |
|---------------------|--------------------|-----------|----------|----|-------|----|----|----|-------|------|-------------------------------------|
| FPL-M20-18          |                    | 18        | M20X2.50 | 25 | 18.00 | 50 | 77 | 40 | 24.50 | 32.0 | 55,340                              |

Interchange table

| Dunlop        | Rose  | Tuthill | Alinabal | IKO     | SKF    | Asahi  |
|---------------|-------|---------|----------|---------|--------|--------|
| FP-M (metric) | MFP   | FJ-M    | MFF      | PHS-EC  | SURB-F | JAF-EC |
| FP (imperial) | RFP-U | TJ      | PF       | PHSB-EC | -      | -      |

Note: Manufacturers part numbers are used for descriptive purposes only and may not be direct equivalent products.

CARACTÉRISTIQUES PRODUIT

|                 |                   |
|-----------------|-------------------|
| Marque          | DUNLOP            |
| N° Ean13        | 3616060552396     |
| Diam. intérieur | 18 mm             |
| Diam. extérieur | 50 mm             |
| Epaisseur       | 25 mm             |
| Type            | TSM               |
| Filetage        | Filetage à gauche |
| Lubrification   | avec              |
| Conditionnement | 1                 |

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