

# PHS Rod end FP-M20-18-DUNLOP - FP-M20-18-DUNLOP

<https://www.123bearing.com/bearing-housing/rod-end/phs/fp-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 80M44, 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

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

**Precision equipment**  
Linear movement  
**Temperature Range:**  
-30°C to +170°C  
**Specifications:**  
ELV & RoHS compliant

**Housing:** Steel 230M07PB (Sizes M20, M18), Forged 80M44 (Sizes M16, 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]
FP-M20-18		18	M20x2.50	25	18.00	50	77	40	24.30	32.0	55,340

**Interchange table**

Dunlop	Rose	Tuthill	Alinabal	IKO	SKF	Asahi
FP-M (metric)	MFP-U	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.

## PRODUCT FEATURES

Brand	DUNLOP
N° Ean13	3616060551405
Inside diameter	18 mm
Inside diameter	0.709" inch
Outside diameter	50 mm
Outside diameter	1.969" inch
Thickness	25 mm
Thickness	0.984" inch
Type	TSM
Thread	Right-hand thread
Packaging	1

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