

Parker Product Datasheet



Parker Flat-Face quick coupling system with body size 1/8" up to 1" and ISO 16028 for applications up to 450 bar.

PART NUMBER: IF5020 RV
VERSION: Stainless Steel
TYPE: Plug
CONNECTION THREAD SIZE (INCH): ISO G 1/2"
BODY SIZE (INCH): 1/2

PRODUCT OVERVIEW

Flat Face Quick Coupling FEM / IF series is produced according to the ISO 16028 and is compatible with other series complying with the same standard. These couplings offer a leakage free disconnection with a minimal oil loss during uncoupling. Thanks to the valve design, the coupling has a minimum pressure drop, and thus achieves maximum cost-effectiveness. The standard version of series FEM / IF is available made of steel or stainless steel.

Markets:

- Agriculture
- Automotive
- Oil and Gas
- Process
- Power Generation
- Transportation
- Vocational and Municipal
- Defense

- Industrial
- Machine Tooling
- Material Handling
- Construction

Features/Benefits:

- Safety locking feature as standard to prevent unintentional uncoupling
- FEC with the pressure eliminator enable effortless connection under static pressure (up to rated working pressure)
- FEMP and FECP with pushpull features is suitable for multi-plates or when coupling is fixed on an application

Applications:

Easy dry break connection / disconnection in hydraulic systems, both mobile and industrial applications

- Tractors
- Trucks
- Wheel loaders
- Military vehicles
- Hydraulic tools
- Presses
- Molding machines

TECH SPECIFICATIONS

MAXIMUM OPERATING TEMPERATURE	200 °C
DIVISION	High Pressure Connectors Europe Division
FLOW RATE	55 L/min
MINIMUM OPERATING TEMPERATURE	-25 °C
SPECIFICATIONS MET	ISO 16028
APPLICATION	N/A
BODY MATERIAL	Stainless Steel
PRODUCT TYPE	Quick-coupling

PLATING TYPE

N/A

HEX SIZE

36 mm

SEAL MATERIAL

FKM