

FFC Series

Replacement cartridge couplers for the Faster 4BD4FH/4BD4FI Introduction

AKJia's FFC Series is a replacement flat face cartridge coupler for the Faster 4BD4FH and 4BD4FI blocks. The FFC Series is designed for the quick changeover of hydraulic attachments for skid steer loaders, compact loaders, backhoe loaders and compact utility vehicles. The female coupler features an internal decompression solution that enables the coupler to always be depressurized when disconnected, whilst the male coupler has built-in connect under pressure functionality.

Construction

- Carbon steel with trivalent plating
- Option: Carbon steel with zinc nickel plating (500 hours with no red rust in salt spray tests)
- Currently available in size 1/2" body
- Fitted with Nitrile seals (NBR)

Features

- Internal design allows the female half to always be depressurized when disconnected
- Male has built-in connect under pressure functionality
- Couplers are flat face and are designed to the ISO 16028 Standard
- Low profile coupler design minimizes side loading
- Low cost replacement couplers

Application

- Quick changeover of construction equipment attachments
- Skid steer loaders
- Track loaders
- Excavators
- Compact loaders
- Utility vehicles
- Jacking applications

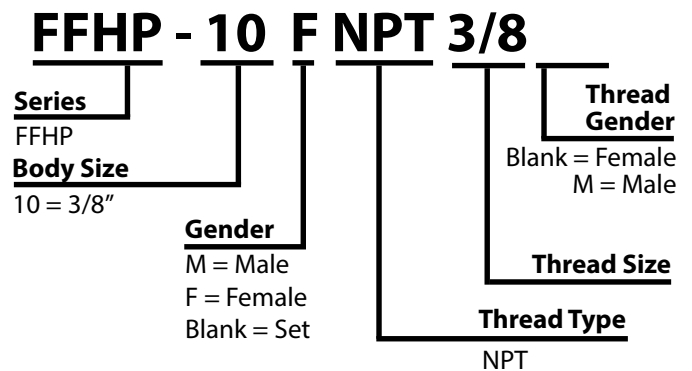


Specifications

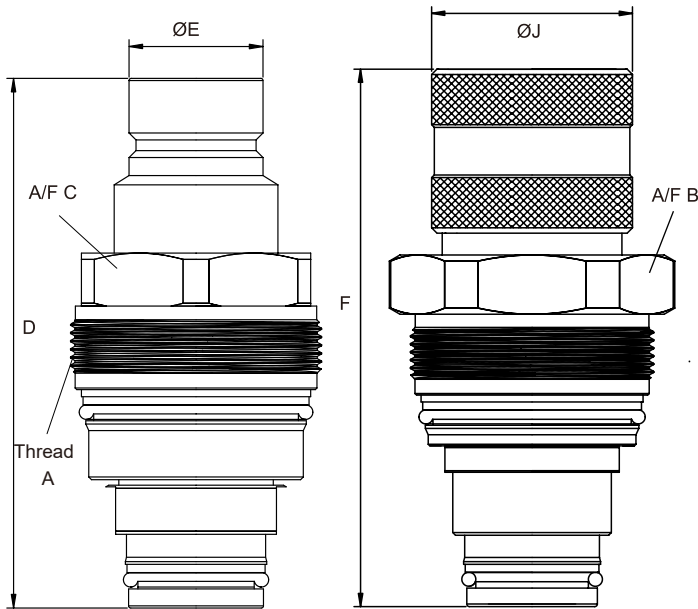
Seal Material	Min. Temp		Max. Temp	
Nitrile seals*	-40°C	-40°F	106°C	223°F



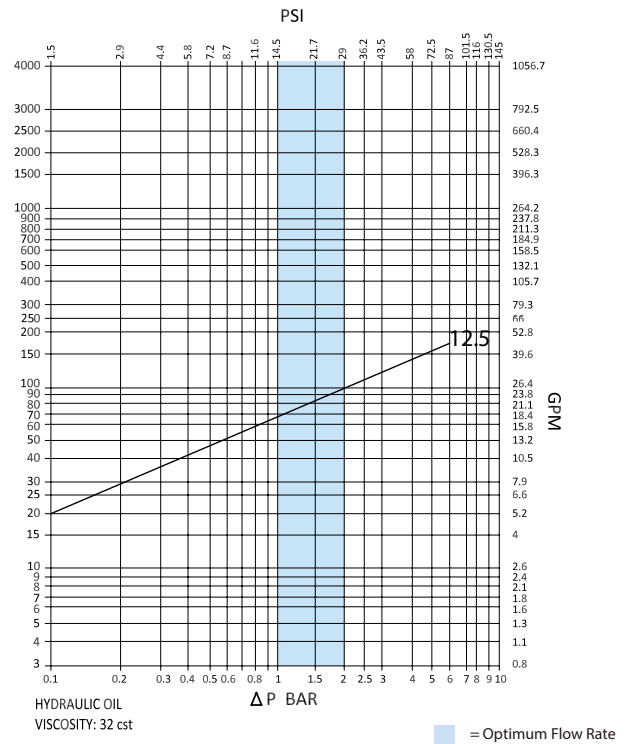
Product Number Naming Rules



Drawing



Pressure Drop Characteristics



Size	Thread(A)	B	C	D	ØE	F	ØJ	Maximum Working Pressure	Burst Pressure (Coupled)	Burst Pressure (Male)	Burst Pressure (Female)
		Dimensions in mm						bar			
		Dimensions in inches						psi			
FFC-12,5	M46x1.5	50	42	97	24.5	101.8	38	350	1250	1250	1250
		1.97	1.65	3.82	0.97	4.01	1.5	5075	18125	18125	18125
FFC-12,5	M48x1.5	50	50	108.6	24.5	110	38	350	1250	1250	1250
		1.97	1.97	4.28	0.97	4.33	1.5	5075	18125	18125	18125