



Applications

Parker FE Series couplings were designed for the construction equipment market and are used extensively on skid steer loaders. The non-spill feature eliminates hydraulic spillage and air inclusion when connecting or disconnecting hydraulic attachments. The FE Series is also ideal for many other applications where hydraulic spillage is a concern and global interchangeability with other manufacturers is important. ISO-16028 Interchange.

Materials Of Construction

- Body:** Steel
- Finish:** Zinc plated with yellow chromate finish
- Valve:** Flush face valving
- Seal:** Anti blow-out NBR Nitrile with BFT seal (male only)

Specifications

Body Size (in.)	1/2	5/8
Rated Pressure (PSI)	3000	3625
Temperature Range	-40° to + 250°F	
Spillage (ML) (max. per disconnect)	0.020	0.030
Air Inclusion (ML) (max. per connect)	0.070	0.070
Rated Flow (GPM)	12	20

Features

- Sealed spring cavity prevents dust collection and possible sleeve binding.
- Heat treated valve sleeve and poppet resist scratches and wear.
- Crimped valve seal prevents seal washout.
- Hardened locking collar sleeve resists brinelling, avoids cracking and provides longer life.
- Large number of locking balls resists brinelling.
- Concealed lock ring prevents accidental removal.
- Yellow chromate zinc finish resists corrosion.
- Positive lock retaining ring will not wash out under high flow conditions.
- Induction hardened locking surface reduces wear and brinelling.
- Anti-blowout Nitrile and BFT nipple seal prevents damage and blow-out when connecting with residual pressure.

Performance

FE Series 1/2" & 5/8"
Test Fluid: Oil-200 SUS

