



INNOVATION



TECHNOLOGY



RESEARCH

4BD4FH

HYDRAULIC BLOCK COUPLER



4BD4FH08

4BD is a block coupler designed for hydraulic quick change and is ideal for skid steer loaders, mini skid steer loaders, tractor backhoe loaders and utility vehicles.

It allows changes from one attachment to another within seconds and provides for connection under pressure.

The 4BD has greater flow capability than standard flat face couplers and provides for an overall reduced pressure drop.

The Faster 4BD block coupler has been specified by industry leaders and has been in the market for 10 years.

The new 4BD4FH SERIES, uses high pressure flat face couplings FFH, all conforming to ISO 16028 standard.

By using the same casting and the same fixing points, the user can choose between a cartridge of 1/2" and 3/4".



4BD4FH12



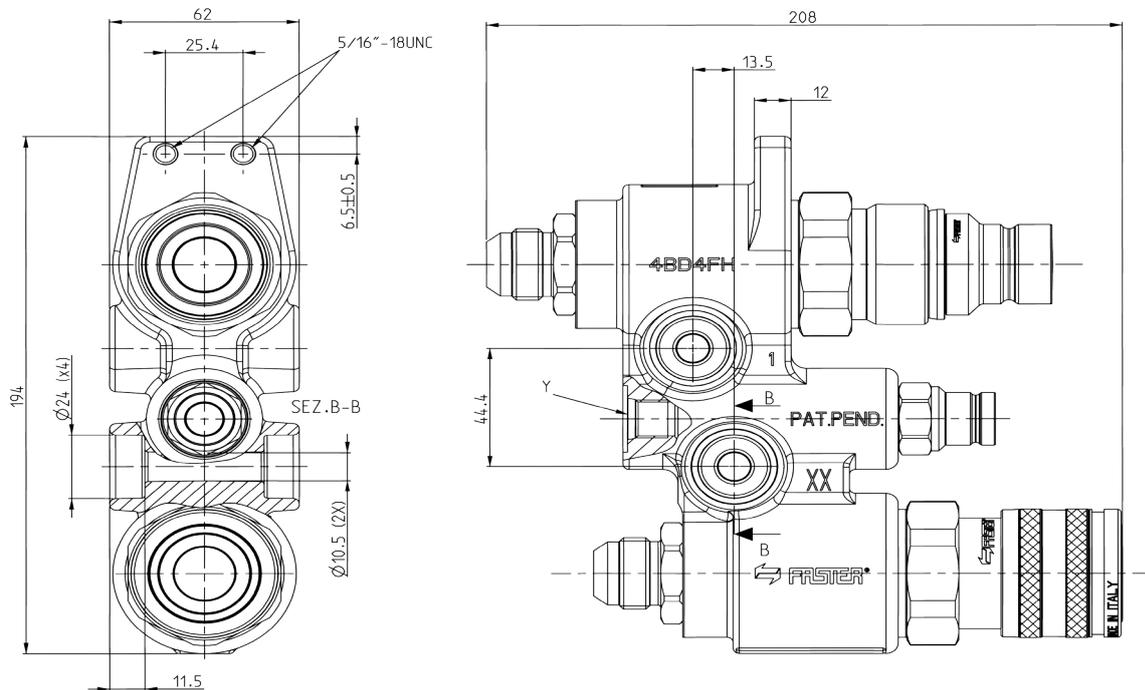
SAFETY



COMMUNICATION



LEADERSHIP



The measures are referred to a block coupler using 3/4" cartridges. Other rear adaptor threads are available on request.

TECHNICAL DATA:

Nominal Body Size			Max Working Pressure	Flow Rate (*)	Burst Pressures (**)		
Dash	mm	inch			Connected	Male	Female
08	12.5	1/2"	35	100	125	125	125
12	19	3/4"	35	145	125	125	125

(*) Suggested flow rate (corresponding to 0,2 MPa pressure drop) withb ISO VG32 hydraulic fluid

(**) 1 MPa = 145 PSI = 10 Bar

FURTHER INFORMATION:

Test Specifications:

According to ISO 7241 - 2 standards

Materials:

- Female in steel with carbonitrited wearing parts
- Male in high grade carbon steel induction hardened
- Standard seals in Nitrile Rubber (NBR) and Polyurethane
- Back-up ring in PTFE
- Zinc-Nickel plating and CrIII passivation

Temperature Range:

From -25°C to +100°C (with standard seals)



Mate1000®