

FEM Series

Hydraulic Flat Face Quick Couplings
with ISO 16028 Profile



Advantages

FEM (ISO16028) series is replaced by a new modernized version with many advantages:

- Increase working pressure to 350 bar from previous 250 bar
- Decreased pressure drop and increased flow
- Zi-Ni surface treatment for high corrosion resistance
- Safety locking at sleeve as standard
- Plate mounted variants available

The revised and updated FEM and FEC series has plug profile and exceeding the requirement according to ISO 16028 specifications. It is compatible with other series complying with the same standard. These couplings offer a spillage free disconnection, minimal oil loss during uncoupling and are also easy to clean as they have flat face valves/bodies.

Technical specifications

Thanks to the valve design, the coupling has a minimum pressure



drop, and achieves maximum cost effectiveness.

The new FEM series is very resistant to vibrations and other mechanical stress. Whether being used in mobile hydraulics, transport or construction industry, the process of connection and disconnection is fast and safe, with the safety locking at sleeve

as standard to avoid accidental disconnection.

FEM plugs are available with pressure eliminator. Thanks to this technology, it's possible to connect couplings in the presence of accumulated or residual pressure without any problems. A miniature valve automatically relieves the pressure in the connecting phase.



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Applications

Mobile applications

- Cranes
- Drilling machines
- Excavators
- Thumbs excavator

Mobile equipment

- Industrial
- Tooling machinery
- Forestry industry

Transportation

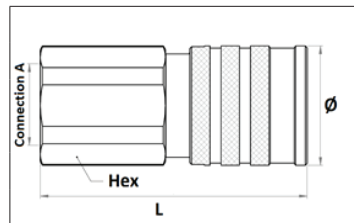
- Railway
- Trucks

Oil and gas

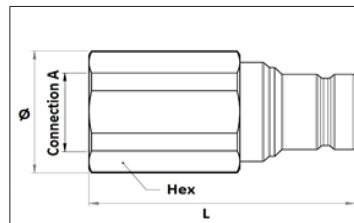
- Wellhead drives

Product Dimensions

Hydraulic Flat Face Quick Coupling with ISO 16028 Profile, Series FEM



Body size	Connection A	Hex mm	L mm	Ø mm	Weight grams	Max Operating Pressure	Part Number
3/8"	G3/8	30	78	32	340	350	FEM-371-6FB
3/8"	G1/2	30	81	32	340	350	FEM-371-8FB
1/2"	G1/2	36	78	40	520	350	FEM-501-8FB
1/2"	G3/4	36	83	40	520	350	FEM-501-12FB
3/4"	G3/4	46	99	50	920	350	FEM-751-12FB
3/4"	G1"	46	104	50	920	350	FEM-751-16FB



Body size	Connection A	Hex mm	L mm	Ø mm	Weight grams	Max Operating Pressure	Part Number
3/8"	G3/8	30	66	32	220	350	FEM-372-6FB
3/8"	G1/2	30	68	32	220	350	FEM-372-8FB
1/2"	G1/2	36	75	40	350	350	FEM-502-8FB
1/2"	G3/4	36	80	40	250	350	FEM-502-12FB
3/4"	G3/4	46	81	50	610	350	FEM-752-12FB
3/4"	G1"	46	86	50	610	350	FEM-752-16FB

EMEA Product Information Centre

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(from AT, BE, CH, CZ, DE, DK, EE, ES, FI, FR, IE, IL, IS, IT, MT, NL, NO, PL, PT, RU, SE, SK, UK, ZA)

US Product information Centre

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