At MP Filtri we don’t just make high-performance products – we pride ourselves on offering complete customer solutions from design to delivery.

All our power transmission products are designed using the very latest CAD and FEM technology, and then created to the highest international standards at our purpose-built in-house foundry and engineering works.

Our couplings are rugged and reliable and require no lubrication – saving you maintenance costs and ensuring performance is not compromised by downtime.

And our commitment to customers doesn’t end there. We ensure you can always count on us for a smooth and speedy service thanks to our new intuitive online ordering system which helps you identify the product best suited for your pump and motor.

We keep an extensive stock of products and our growing distribution network ensures we can get our products to you by super-fast delivery services without delay.
KEY FEATURES AND BENEFITS

RELIABLE POWER TRANSMISSION
Our cutting-edge design technology and automated manufacturing deliver couplings with exceptional and consistent structural strength - with 100 per cent of the shaft covered for optimal performance.

LOW VIBRATION AND LOW NOISE
By combining a strong external ring, a high-quality bell housing, and specially designed components, our couplings deliver a complete integrated system for low noise and low vibration.

EXCEPTIONAL BUILD QUALITY
Premium quality starts with premium materials – with full chemical composition sampling of the aluminium twice a day. We design and build our couplings in-house with complete control over every aspect of the manufacturing process.

COMPATIBILITY
Ideally suited for a huge variety of pumps, motors, and machines with power transmission characteristics.

INTERCHANGEABLE
Our premium quality couplings are interchangeable with all major competitors.

RUGGED BUILT QUALITY
We offer three different hard-wearing compounds:
- G25 UNI 5007 Cast Iron
- C40 high-tensile steel
- UNI 46100 Aluminium
while our spiders are created from hard-wearing temperature resistant NBR Polyurethane.
The design of the coupling ensures there is no metal-to-metal contact, while exceptional damping prevents shock loads.

FLEXIBLE
Compensates for angular, axial and radial misalignments ensuring a consistent performance.

MEETING THE STANDARD
All our couplings achieve the DIN740 Part 2 quality performance benchmark, as well as such prestige international quality standards such as NEMA and ATEX.

SAFETY
ATEX certified for use in hazardous environments and explosive atmospheres.
DESIGNED TO MEET YOUR NEEDS

CUSTOMER EXPERIENCE

STOCK  Comprehensive stock available ready to meet the customers requirements.

SIMPLICITY  Our easy-to-use software helps you find the right coupling for your needs, quickly and without fuss.

SPECIALISTS  Because we design and build our own couplings in-house at our purpose-built foundry – we have complete control of the production cycle and the flexibility to make bespoke products when needed.

SUPPLY  We offer an international distribution network with dealers, distributors and sales partners all over the world, so wherever you are we can offer fast and responsive support.

WORLD-CLASS DESIGN, RESEARCH AND DEVELOPMENT

Our design engineers use the latest FEM and CAD software to perfect the development process and ensure full control over structural analysis. This ensures a faster and more efficient design process and enables us to create and test innovative products quickly and effectively, monitor quality throughout extensive testing, and deliver both improvements and efficiency savings to customers.

INTERCHANGEABILITY

Why not try the MP Filtri solution? We deliver a market leading, fully interchangeable product range that’s fully compatible with all major competitors. You can also count on technical support from our extensive international distribution network.
EASY TO MASTER SOFTWARE

Our simple to use yet sophisticated software system takes you step-by-step through the selection process making it easy for you to find the ideal coupling for your needs.

STEP 1
Go to our software selection site portal at: https://www.mpfiltri.com/registration.html

STEP 2
Log in and select Power Transmission Software

STEP 3
Select your pump and motor

STEP 4
Confirm your Specification and receive the coupling datasheet complete with dimensional 2D drawing.

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PUMP

Manufacturer: BOSCH REXROTH
Model: A10VSO71*/31*/PA**

ELECTRIC MOTOR

Type: 3
Power: 11 Kw
Power Hp: 15
Size: 160M

ELETRIC MOTOR DATA

L: 110
D: 42
CH: 12
FLG: 350

PUMP DATA

L1: 60
THICKNESS: 10
D1: 32
CH1: 10
T2: 0
C: 125
IN: 180
NR: 2
F: M16

Optional with polyurethane spider red colour - 98 Shore A

ORDERING CODES

Foot bracket:
PDMA350

Damping rods for foot bracket:
MPDRPDMA350

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MP Filtri S.p.A.
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Ph: 02.95703.1 - Fax : 02.95741497-95740188
sales@mpfiltri.com - www.mpfiltri.com
APPLICATIONS

Created for a diverse range of working environments, MP Filtri’s Power Transmission couplings help customers thrive in such key sectors as:

- **CHEMICAL**
- **AUTOMOTIVE**
- **RENEWABLE ENERGY**
- **INDUSTRIAL**
Le caratteristiche principali includono:
- Permettere la manutenzione della sezione contaminata anche direttamente integrata nei blocchi di controllo/collettori del prova, applicazioni mobili e marittime.
- Per i settori industriali più svariati, tra cui acciaierie, banchi media pressione, i filtri della gamma LMP sono stati progettati per circuito idraulico, in una varietà di applicazioni a bassa o a vasta selezione di elementi filtranti. Montati in linea lungo il circuito, i clienti possono inoltre selezionare modelli per soddisfare qualsiasi esigenza di installazione.
- Grazie ad una costruzione robusta, al montaggio in linea e ad un’ampia disponibilità di accessori, la gamma LMP offre molte possibilità.

Modello Descrizione psibar

Filtri in linea appositamente progettati per essere montati in parallelo, elemento filtrante progettato secondo DIN 24550

Filtri in linea e duplex per media pressione, elemento filtrante progettato secondo DIN 24550

Filtri in linea duplex per bassa pressione

Filtri in linea singoli per montaggio rovesciato

Filtri in linea bassa e media pressione, bassa portata

Filtri in linea con design Multiport per una molteplice scelta di configurazioni.

Connessioni:
- da 1 1/4” SAE 3000 psi/UNC a 4” SAE 3000 psi/UNC
- da 1 1/4” SAE 3000 psi/M a 4” SAE 3000 psi/M
- da 3/4” NPT a 2” NPT

Since 1964

mpfiltri.com