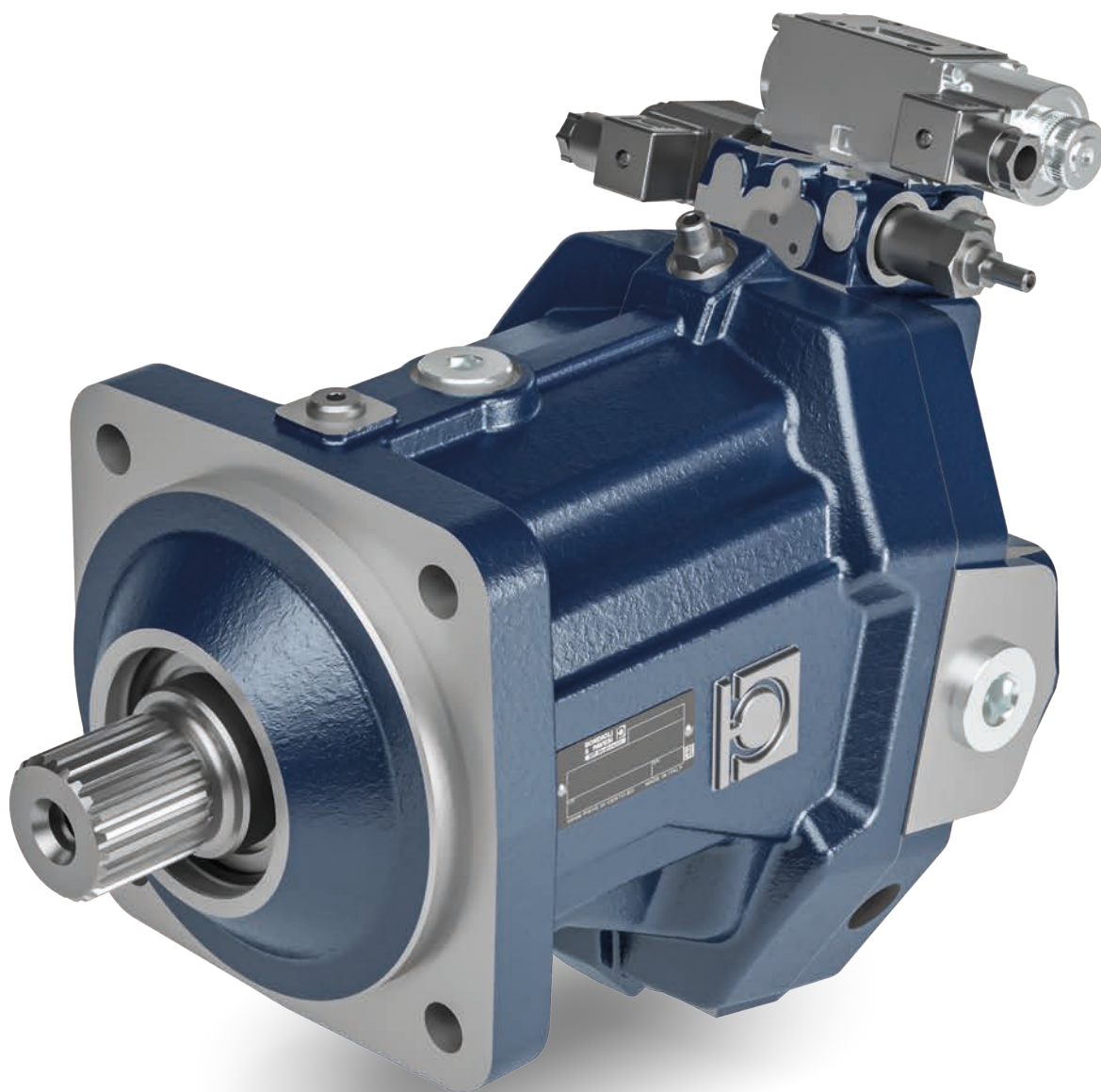


MOTORI A PISTONI ASSIALI AD ASSE INCLINATO
BENT AXIS AXIAL PISTON MOTORS
SCHRÄGACHSEN-AXIALKOLBENPUMPEN UND -MOTOREN

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POMPE E MOTORI A PISTONI ASSIALI A CILINDRATA FISSA AD ASSE INCLINATO BENT AXIS FIXED DISPLACEMENT AXIAL PISTON PUMPS AND MOTORS SCHRÄGACHSEN-AXIALKOLBENKONSTANTPUMPEN UND MOTOREN

HMPF-HMBF



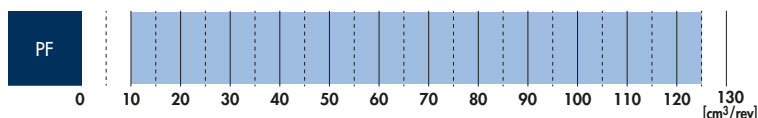
POMPE - PUMPS - PUMPEN

CILINDRATA
DISPLACEMENT
VOLUMEN

from **10 cm³/rev** to **125 cm³/rev**

PRESSIONE
PRESSURE
DRUCK

up to **450 bar**



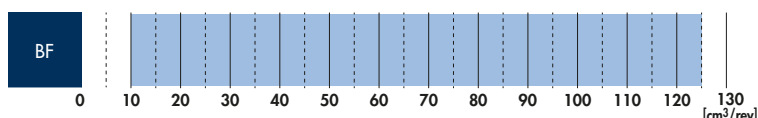
MOTORI - MOTORS - MOTOREN

CILINDRATA
DISPLACEMENT
VOLUMEN

from **10 cm³/rev** to **125 cm³/rev**

PRESSIONE
PRESSURE
DRUCK

up to **450 bar**



APPLICAZIONI

Le pompe a pistoni assiali per circuito aperto ad asse inclinato a cilindrata fissa sono progettate per operare in circuiti con cicli di lavoro gravosi. I motori a pistoni assiali per circuito chiuso sono prevalentemente utilizzati per azionamenti rotativi in macchine operatrici o in trasmissioni idrostatiche. I motori a portata fissa possono essere utilizzati anche in circuito aperto e sono quindi impiegati anche in circuiti oleodinamici per impieghi fissi.

APPLICATIONS

Bent axis fixed displacement axial piston pumps for open circuit applications are designed for operation in systems typified by heavy duty work cycles. Closed circuit axial piston motors are used mainly for rotary drives in power machinery or in hydrostatic transmissions. Fixed displacement motors can also be used in open circuit applications, and are therefore suitable for also for fixed equipment.

ANWENDUNGEN

Schrägachsen-Konstantpumpen und -motore sind entwickelt worden, um unter sehr harten Betriebsbedingungen zu arbeiten. Schrägachsen-Konstantmotore werden hauptsächlich in mobilen Arbeitsmaschinen und für hydrostatische Fahrtriebe eingesetzt, aber auch in offenen Kreisläufen für den Antrieb unterschiedlichster Arbeitsgeräte.

CARATTERISTICHE

Alte pressioni di lavoro, bassa emissione sonora, velocità elevate e alta coppia di spunto, alti rendimenti volumetrici e meccanici per i motori.

KEY FEATURES

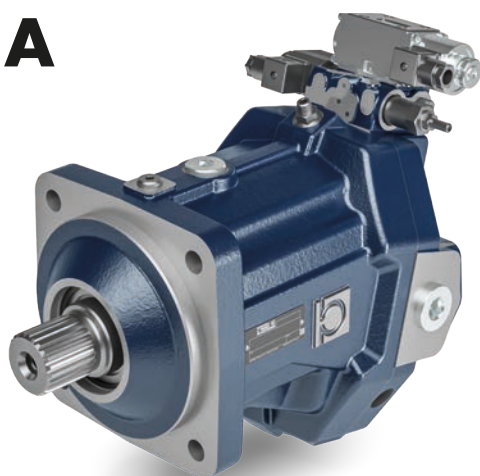
Axial piston motors are characterized by high operating pressures, low noise level, high speeds, high starting torque, and high volumetric and mechanical efficiencies.

HAUPTEIGENSCHAFTEN

Konstantes Verdrängungsvolumen. Hohe zulässige Betriebsdrücke, geringe Geräuschemissionen, hohe Drehzahlen, hohes Anfahr-Drehmoment, hoher mechanischer und volumetrischer Wirkungsgrad.

MOTORI A PISTONI ASSIALI A CILINDRATA VARIABILE AD ASSE INCLINATO BENT AXIS VARIABLE DISPLACEMENT AXIAL PISTON MOTORS SCHRÄGACHSEN-AXIALKOLBENVERSTELLMOTOREN

HPBA



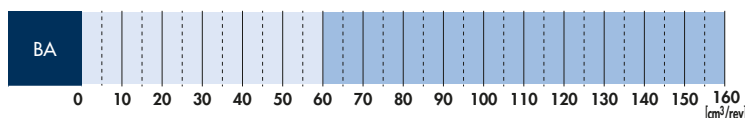
MOTORI - MOTORS - MOTOREN

CILINDRATA
DISPLACEMENT
VOLUMEN

from **60 cm³/rev** to **160 cm³/rev**

PRESSIONE
PRESSURE
DRUCK

up to **450 bar**



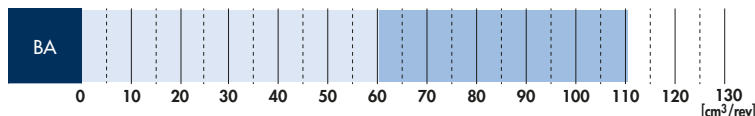
PLUG-IN - PLUG-IN - PLUG-IN

CILINDRATA
DISPLACEMENT
VOLUMEN

from **60 cm³/rev** to **110 cm³/rev**

PRESSIONE
PRESSURE
DRUCK

up to **450 bar**



APPLICAZIONI

I motori a pistoni assiali ad asse inclinato a cilindrata variabile sono la soluzione ideale nelle applicazioni per traslazione di macchine operatrici semoventi, argani o frese.

CARATTERISTICHE

Disponibili con cilindrata variabile a due posizioni o proporzionale. Sono disponibili personalizzazioni sui comandi per ottenere particolari strategie di controllo. Sono fornibili con interfaccia di montaggio ISO, SAE e plug-in. Tutti i motori sono corredabili di sensori e disponibili in versione HUB.

I motori a pistoni assiali ad asse inclinato sono caratterizzati da alte pressioni di lavoro, bassa emissione sonora, velocità elevate e alta coppia di spunto, alti rendimenti volumetrici e meccanici.

APPLICATIONS

Bent axis variable displacement axial piston motors provide the ideal solution for applications such as hydrostatic transmission of self-propelled equipment, winches or cutters.

KEY FEATURES

Available with two-position or proportional variable displacement. Control customization is also possible where specific tailored control strategies are required.

Available with mounting flange according to ISO, SAE and plug-in. All motors can be fitted with sensors and are available in HUB version.

Bent axis piston motors are characterized by high operating pressures, low noise level, high speeds, high starting torque, and high starting torque, high volumetric and mechanical efficiency.

ANWENDUNGEN

Schrägachsen-Verstellmotore sind die ideale Lösung für hydrostatische Fahrtriebe von selbstfahrenden Arbeitsmaschinen, sowie für verstellbare rotierende Antriebe, wie z.B. für Winden, Bohrergeräte oder Fräsmaschinen.

HAUPTEIGENSCHAFTEN

Motoransteuerung verfügbar mit Zwei-Punkt- oder proportionaler Verstellung. Optional kundenspezifische Verstellungen für ein optimales Regelverhalten. Gehäuseausführungen mit ISO- oder SAE-Flansch, sowie als Einschubmotoren verfügbar, ebenfalls in der B&P-HUB-Ausführung für IoT. Hohe zulässige Betriebsdrücke, geringe Geräuschemissionen, hohe Drehzahlen, hohes Anfahr-Drehmoment, hoher mechanischer und volumetrischer Wirkungsgrad.