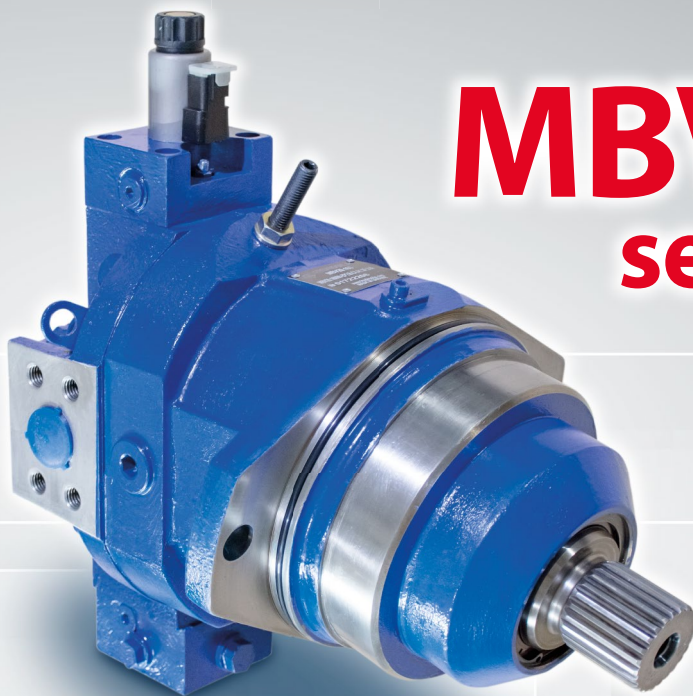




HYDROSILA

HYDRAULICS YOU CAN TRUST

Variable displacement axial piston motor



MBV20 series

Range of control types:

- Hydraulic proportional (HD)
- Electric ON-OFF 24V (EZ)
- Electric proportional (EP)

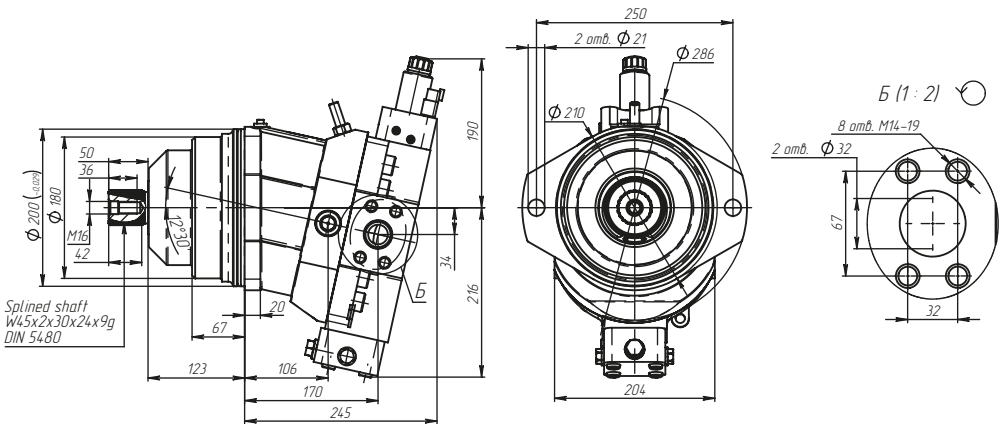
Features:

- Cartridge and ISO versions, according to ISO 3019/2
- High efficiency
- High torque
- Build-in flushing valve optional
- Speed sensor optional

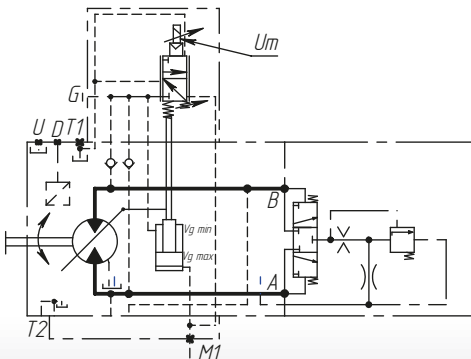
Technical data

Technical specifications

Max. displacement $V_{g_{max}}$, ccm	160
Min. displacement $V_{g_{min}}$, ccm	28
Rated pressure, bar	400
Maximum pressure, bar	450
Rated speed at $V_{g_{max}}$, min^{-1}	3100
Maximum speed at $V_{g_{min}}$, min^{-1}	5000
Flow at $V_{g_{max}}$, lpm	471
Torque at $V_{g_{max}}$ and $P = 400$ bar, Nm	1019
Weight, kg	60



Hydraulic circuit



Ports designation:

- A, B - working ports 32 SAE J518
- T1, T2 - drain ports M26x1.5-19 ISO 6149
- G - for synchronous control (closed)
- M14x1.5-12 ISO 6149
- M1 - stroking chamber measurement
- M14x1.5-12 ISO 6149
- Um - solenoid
- D - speed sensor (DSM/DSA type) port

