

hp-Motor pumps; series SMG

3.0

Horizontal single system with hp industrial pumps with axial face seal able to handle pressures up to 5 bar and max. 150 °C. Easy to operate. Very safe. Exceptionally quiet. High suction capacity and operating life.

When used as supply aggregate for fuel oil feed as per DIN 4736, the max operating pressure may not exceed 6 bar²⁾.

When used: as discharge or supply unit; designed for pressures of up to 9 bar.
as pressure or spray unit; designed for pressures of up to 30 bar.
for higher pressures; designed for pressures of up to 40 bar.

- *The pump groups are equipped with three-phase standard motors B3/B14 or B3/B5, 400 V, 50 Hz, 1400 min⁻¹, protection standard IP 54, Isolation class F. From 4 kW, the motors are threaded for 400/690 V, 50 Hz. **Y-Δ-circuit with power supply must be indicated when ordering.***
- *Other voltages and frequencies are available at a surcharge upon request.*
- *Mounting position: horizontal, with the connections facing upwards.*



These motor pump groups can be equipped with all pumps of the approved hp-Industrial pump programme.

Key for determination of the order numbers:

e.g.: **SMG . . .**

Series size	Direction of rotation ¹⁾ viewed from pump shaft	Pressure stage bar	Special production and accessories (add code letters consecutively)
e. g. SMG 1507 See selection chart on the following sites...	I = counterclockwise, standard model D = clockwise on request	0 = 0,5 - 1,5	H1 = Electric heating with heating cartridge, see tables for heating capacity. (See pump accessories page 16.)
		1 = 1 - 4	Wa = With oil pan and anti-vibration pads for mounting on the wall. (See accessories page 38.)
		2 = 2 - 9	LH = Oil pan equipped with leak detection
		3 = 6 - 25	Sⁿ = With electric pressure switch for pressure line monitoring. (Pipe-burst check.)
		4 = 15 - 40	DT = Pressure transmitter

Max. permissible vacuum pressure at pump connection A -0.6 bar.
Warning, gas discharge starts at -0.4 bar

Ordering example: hp motor pump group series size SMG 1568 with hp industrial pump type VBHP-I with integrated overflow valve; direction of rotation viewed from pump shaft: I = counterclockwise; flow rate: 700 l/h at 1400 min⁻¹ and 25 bar; operating pressure: 25 bar; pressure range: 15 to 25 bar; max. pressure: 25 bar; medium: fuel oil S; viscosity: 6 cSt. at 140 °C; motor output: 1,5 kW, voltage 230/400V, 50Hz, isolation class B; protection standard: IP 54; accessories: axial face seal Viton V, electric heating H1.

Order-Nr.: SMG 1568 - I - 3 - H1

For assembly, start-up and maintenance, please adhere to the instruction manual that comes with each device!