

## Data sheet

### Hydraulic data

Minimum efficiency index (MEI)	0.4
Maximum operating pressure $P_N$	16 bar
Note on dimensioning	16 bar to 120°C, 13 bar to 140°C
Min. fluid temperature $T_{min}$	-20 °C
Max. fluid temperature $T_{max}$	140 °C
Min. ambient temperature $T_{min}$	0 °C
Max. ambient temperature $T_{max}$	40 °C

### Motor data

Mains connection	3~380 V, 50/60 Hz
Motor efficiency class	IE4
Rated power $P_2$	5.5 kW
Rated current $I_N$	10.2 A
Rated speed $n$	1450 1/min
Max. speed $n_{max}$	1480 1/min
Interference emission	EN 61800-3
Interference immunity	EN 61800-3
Insulation class	F
Protection class motor	IP55
Motor protection	

### Materials

Pump housing	5.1301/EN-GJL-250 KTL-coated
Impeller	Cast iron
Shaft	Stainless steel
Shaft seal	AQ1EGG
Lantern	5.1301/EN-GJL-250 KTL-coated

### Approved liquids (other liquids upon request)

Heating water (as per VDI 2035)	yes
Heat carrier oil	Special version at additional charge
Cooling and cold water circulation systems	yes
Water-glycol mixtures (at 20 - 40 vol. % glycol and fluid temperature $\leq 40$ °C)	yes

### Installation dimensions

Port-to-port length $L_0$	550 mm
Pipe connection on the suction side $DN_s$	DN 100
Pipe connection on the discharge side $DN_d$	DN 100

Pump curves

