

Data sheet: Stratos GIGA-D 100/1-27/4,8

Hydraulic data

Minimum efficiency index (MEI)	0.7
Maximum operating pressure p	16 bar
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

Materials

Pump housing	EN-GJL-250
Impeller	PPS-GF40
Shaft	1.4542
Shaft seal	AQ1EGG
Lantern	5.1301, KTL-coated

Installation dimensions

Pipe connection on the suction side <i>DN_s</i>	DN 100
Pipe connection on the pressure side <i>DN_d</i>	DN 100

Motor data

Mains connection	3~400 V, 50/60 Hz
Motor efficiency class	IE5
Rated power P_2	4.80 kW
Rated current I_N	9.10 A
Rated speed n	3750 rpm
Max. speed n_{\max}	3750 rpm
Power consumption $P_{1 \max}$	5300.0 W
Emitted interference	EN 61800-3
Interference resistance	EN 61800-3
Insulation class	F
Protection class motor	IP55
Threaded cable connection	1 x M12x1.5

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 ≤ 40 °C)	yes

Information for order placements

Brand	Wilo
Product description	Stratos GIGA-D 100/1-27/4,8
EAN number	4048482708775
Article number	2170249
Net weight, approx. m	138 kg
Gross weight, approx. m	149.0 kg
Length with packaging	790 mm
Height with packaging	802 mm
Width with packaging	590 mm
Packaging property	Transport packaging
Packaging type	One-way pallet
Minimum order quantity	1