

Data sheet: Stratos GIGA 80/1-21/3,5-R1

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

Port-to-port length $L0$	360 mm
Pipe connection on the suction side DN_s	DN 80
Pipe connection on the pressure side DN_d	DN 80

Motor data

Mains connection	3~400 V, 50/60 Hz
Motor efficiency class	IE5
Rated power P_2	3.50 kW
Rated current I_N	6.90 A
Rated speed n	3100 rpm
Max. speed n_{\max}	3100 rpm
Power consumption $P_{1 \max}$	4000.0 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 80/1-21/3,5-R1
EAN number	4048482750309
Article number	2170186
Net weight, approx. m	49 kg
Gross weight, approx. m	56.0 kg
Length with packaging	795 mm
Height with packaging	615 mm
Width with packaging	515 mm
Packaging property	Transport packaging
Packaging type	Cardboard box
Minimum order quantity	1