

## Data sheet: Stratos GIGA B 80/1-27/4,5-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	5.1301, KTL-coated
Impeller	PPS-GF40
Shaft	1.4542
Shaft seal	AQ1EGG
Lantern	5.1301, KTL-coated

### Installation dimensions

Pipe connection on the suction side <i>DN<sub>s</sub></i>	DN 100
Pipe connection on the pressure side <i>DN<sub>d</sub></i>	DN 80

### Motor data

Mains connection	3~400 V, 50/60 Hz
Motor efficiency class	IE5
Rated power $P_2$	4.50 kW
Rated current $I_N$	8.80 A
Rated speed $n$	3750 rpm
Max. speed $n_{\max}$	3750 rpm
Power consumption $P_{1\max}$	5310.0 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 $\leq 40$ °C)	yes

### Information for order placements

Brand	Wilo
Product description	Stratos GIGA B 80/1-27/4,5-R1
EAN number	4048482778792
Article number	2189153
Net weight, approx. $m$	66 kg
Gross weight, approx. $m$	73.0 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