

## Data sheet: Star-Z 20/4-3

### Hydraulic data

Maximum operating pressure $PN$	10 bar
Delivery head for $Q_{min}$ $H_{Qmin}$	4.7
Max. volume flow $Q_{max}$	3.7
Min. fluid temperature $T_{min}$	2 °C
Max. fluid temperature $T_{max}$	65 °C
Min. ambient temperature $T_{min}$	0 °C
Max. ambient temperature $T_{max}$	40 °C
Max. permitted total water hardness	3.21 mmol/l (18° dH)

### Materials

Impeller	PPE-GF30
Shaft	Oxide ceramic
Bearing	Carbon, synthetic resin-impregnated

### Information for order placements

Brand	Wilo
Product description	Star-Z 20/4-3
EAN number	4016322698043
Article number	4081193
Net weight, approx. $m$	2 kg
Gross weight, approx. $m$	2.4 kg
Length with packaging	147 mm
Height with packaging	100 mm
Width with packaging	187 mm
Packaging property	Sales packaging
Packaging type	Cardboard box
Minimum order quantity	1

### Motor data

Mains connection	1~230 V, 50 Hz
Rated power $P_2$	22.5 W
Rated current $I_N$	0.31 A
Max. speed $n_{max}$	1900 rpm
Power consumption $P_{1max}$	71.0 W
Emitted interference	EN 61000-6-3
Interference resistance	EN 61000-6-2
Protection class motor	IP44
Insulation class	F
Threaded cable connection	1 x PG11
Motor protection	Not required (blocking-current proof)

### Installation dimensions

Pipe connection on the suction side $DNs$	G 1¼
Pipe connection on the pressure side $DNd$	G 1¼
Port-to-port length $l_0$	150 mm

Dimensions and dimensions drawings: Star-Z 20/4-3

Star Z

