

## Data sheet: Stratos MAXO-D 50/0,5-12 PN 16

### Hydraulic data

Energy efficiency index (EEI)	0.17
Maximum operating pressure $PN$	16 bar
Head max $H_{max}$	12.0
Flow max hr $Q_{max\ hr}$	25.5
Flow max add $Q_{max\ add}$	48.0
Minimum suction head at 50 °C	5
Minimum suction head at 95 °C	12
Minimum suction head at 110 °C	18
Min. fluid temperature $T_{min}$	-10 °C
Max. fluid temperature $T_{max}$	110 °C
Min. ambient temperature $T_{min}$	-10 °C
Max. ambient temperature $T_{max}$	40 °C

### Materials

Pump housing	EN-GJL-250
Impeller	PPS-GF40
Shaft	1.4028, DLC-coated
Bearing	Carbon, antimony-impregnated

### Information for order placements

Brand	Wilo
Product description	Stratos MAXO-D 50/0,5-12 PN 16
EAN number	4048482798233
Article number	2186299
Net weight, approx. $m$	37 kg
Gross weight, approx. $m$	41.1 kg
Length with packaging	800 mm
Height with packaging	394 mm
Width with packaging	600 mm
Packaging property	Transport packaging
Packaging type	Cardboard box
Minimum order quantity	1

### Motor data

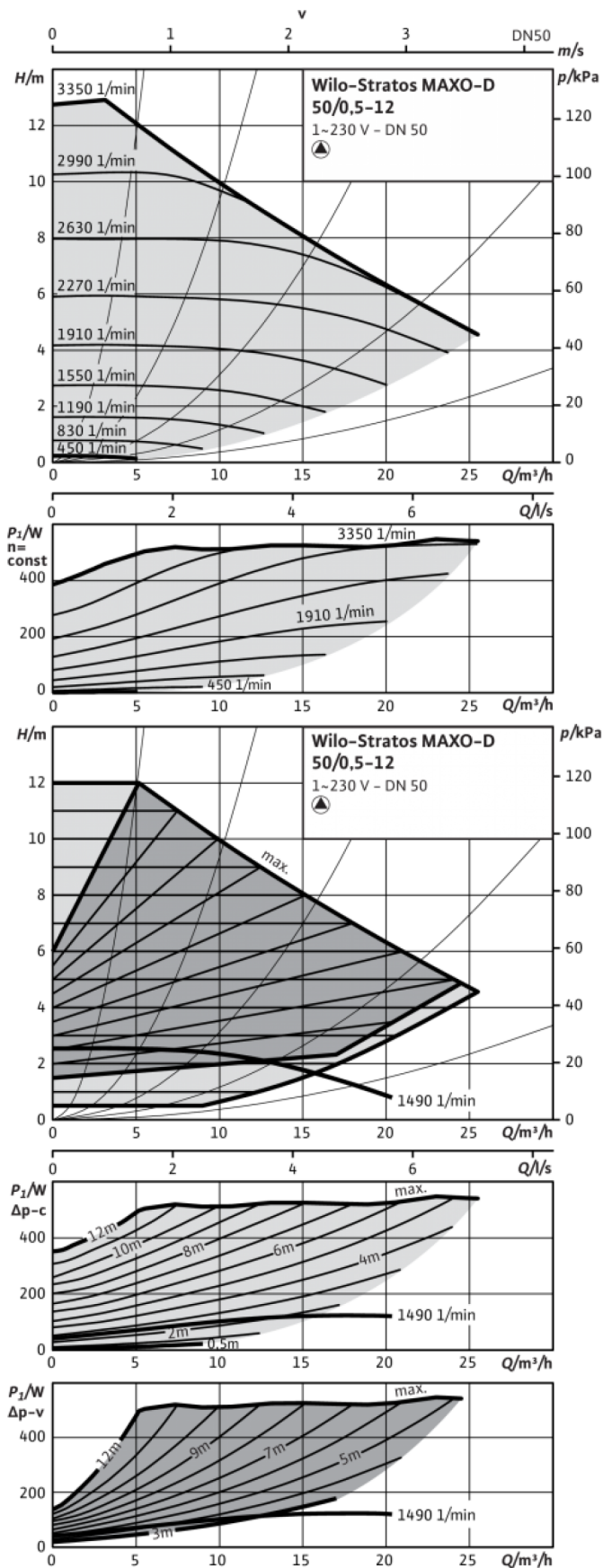
Min current $I_{min}$	0.20 A
Max current $I_{max}$	2.40 A
Min. speed $n_{min}$	450 rpm
Max. speed $n_{max}$	3350 rpm
Power consumption $P_{1\ min}$	10.0 W
Power consumption $P_{1\ max}$	550.0 W
Emitted interference	EN 61800-3;2004+A1;2012 /residential area (C1)
Interference resistance	EN 61800-3;2004+A1;2012 /industrial environment (C2)
Insulation class	F
Protection class	IPX4D

### Installation dimensions

Pipe connection on the pressure side	DN 50
$DNd$	
Pipe connection on the suction side	DN 50
$DNs$	
Port-to-port length $l_0$	280 mm

## Pump curves: Stratos MAXO-D 50/0,5-12 PN 16

Wilo-Stratos MAXO-D 50/0,5-12



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