

Data sheet: Stratos MAXO-D 50/0,5-8 PN 16

Hydraulic data

Energy efficiency index (EEI)	0.17
Maximum operating pressure PN	16 bar
Head max H_{max}	8.0
Flow max hr $Q_{max\ hr}$	16.5
Flow max add $Q_{max\ add}$	31.5
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 50/0,5-8 PN 16
EAN number	4048482798219
Article number	2186297
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

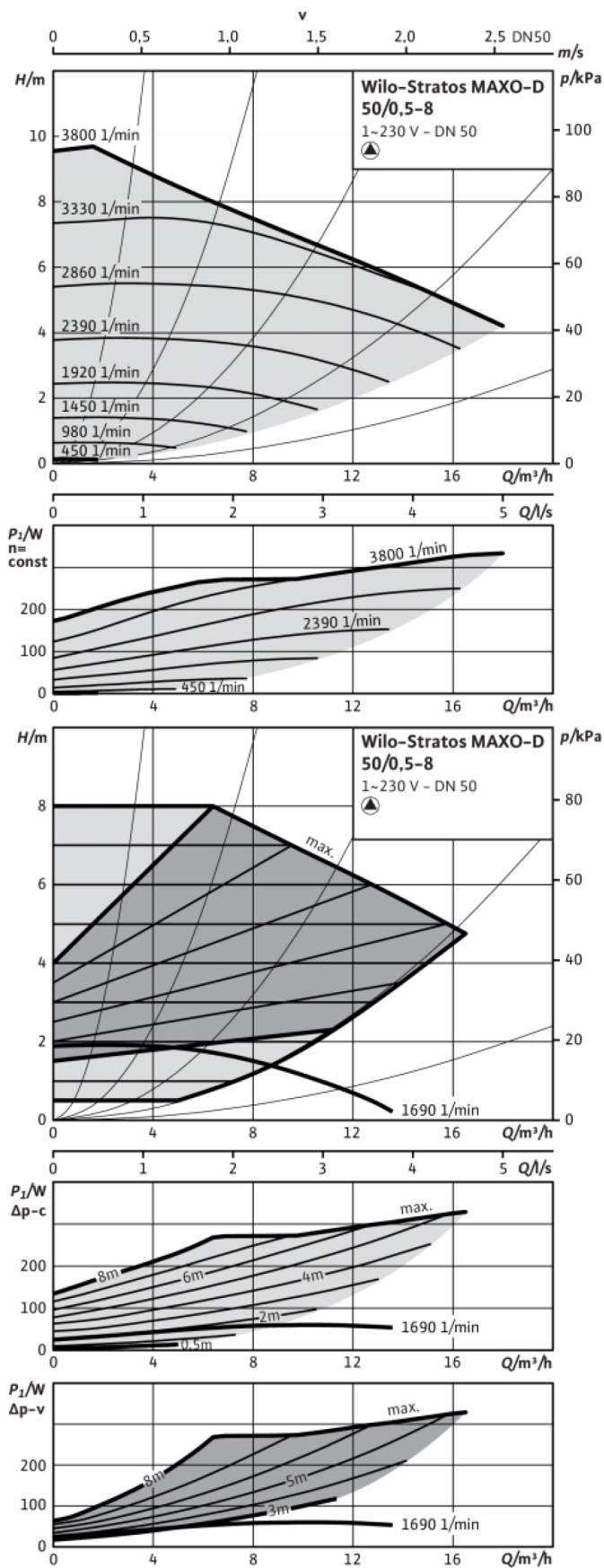
Min current I_{min}	0.20 A
Max current I_{max}	1.45 A
Min. speed n_{min}	450 rpm
Max. speed n_{max}	3800 rpm
Power consumption $P_{1\ min}$	10.0 W
Power consumption $P_{1\ max}$	335.0 W
Emitted interference	EN 61800-3;2004+A1;2012 /residential area (C1)
Interference resistance	EN 61800-3;2004+A1;2012 /industria l 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	240 mm

Pump curves: Stratos MAXO-D 50/0,5-8 PN 16

Wilo-Stratos MAXO-D 50/0,5-8



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