

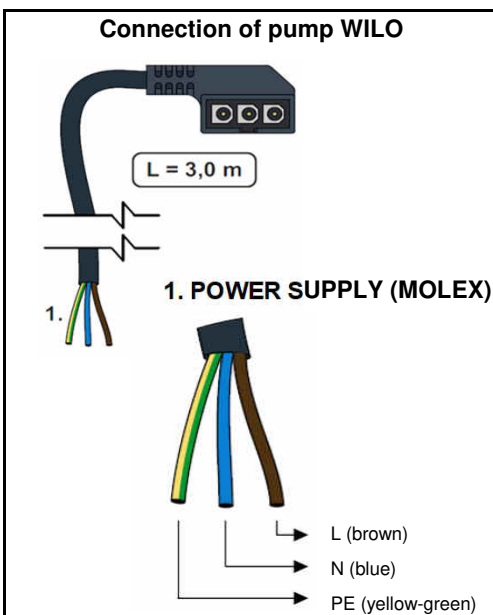


Main features	
Application	udržování minimální vstupní teploty do kotle (krbu) pomocí termostatického ventilu
Description	consists of WILO Yonos PARA RS 25/6 RKC pump, threaded fittings with shut-off ball valve, TSV3B valve (with automatic by-pass balancing), thermometer, insulation
Function	pump station for solid-fuel boilers and fires, prevents low-temperature corrosion and boiler clogging
Working fluid	water, water-glycol mix (max. 1:1) or water-glycerine mix (max. 2:1)
Installation	on return pipe, min. pipe centre distance from wall = 100 mm

Code	max. boiler output
15 867 for 45 °C valve opening temperature	max. 45 kW
15 904 for 50 °C valve opening temperature	max. 42 kW
15 868 for 55 °C valve opening temperature	max. 36 kW
15 905 for 60 °C valve opening temperature	max. 32 kW
15 869 for 65 °C valve opening temperature	max. 26 kW
15 906 for 70 °C valve opening temperature	max. 22 kW

Pump Station Technical Data	
Fluid operating temp.	0 - 95 °C
Max. working pressure	6 bar
Ambient temperature	58 °C
Power supply	230 V, 50 Hz
Insulation material	EPP RG 60 g/l
Overall dimensions	325 x 140 x 220 mm
Total weight	3,3 kg
Connection	3 x G 1" F

Accessories	
By-pass with non-return valve	code 16 126

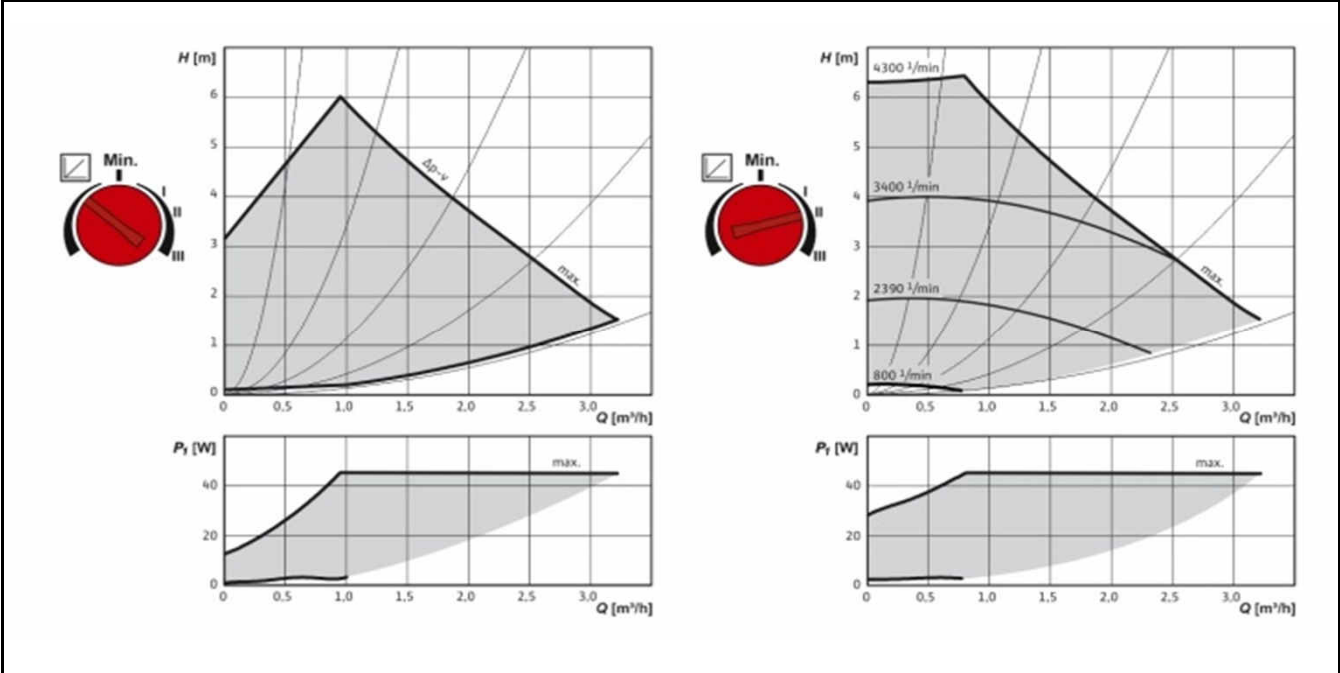


Wilo Yonos PARA RS 25/6 Pump Data	
Electric data	
Power supply	230 V, 50 Hz
Power input (min./max.)	3/45 W
Current (min./max)	0,03/0,44 A
IP rating	IPX4D
Max. speed	4300 rpm
Energy efficiency index	≤ 0.20 per EN 16 297/3
Motor protection	integrated

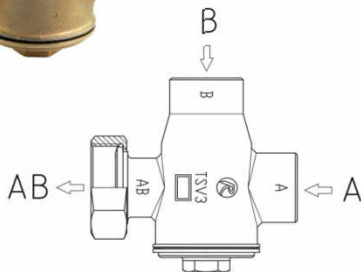
Min. pressure at pump suction port	
Min. pressures at the suction port to avoid cavitation	0.05 bar at 50 °C 0.43 bar at 95 °C

Operation data	
Fluid operating temp.	0 - 100 °C at 58 °C ambient temp.
Max. working pressure	6 bar
Max. ambient temperature	6,2 m

WILO Yonos Para RS Pump performance curves



TSV3B valve



TSV3B Thermostatic valve data

Technical data

Max. operating temp.	95 °C
Max. working pressure	6 bar
Valve opening temp.	as the thermostatic element
Range of control	t _{v,o} + 5 °C
Valve Kvs (A→AB direction)	6,2 m ³ /hod
Valve Kvs (B→AB direction)	4,4 m ³ /hod
Connection	2x G 1" F, 1x G 6/4" Fu union nut
Nominal inner diameter	DN 25

Materials

Housing, cone and plug	brass
Spring	stainless steel
Element and plug seal	EPDM
Cone seal	NBR

Valve pressure drop diagram

