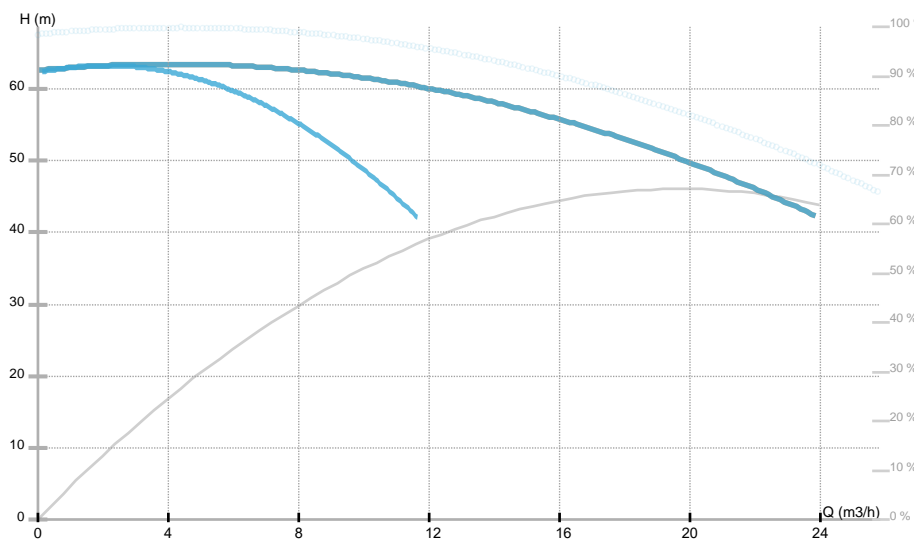




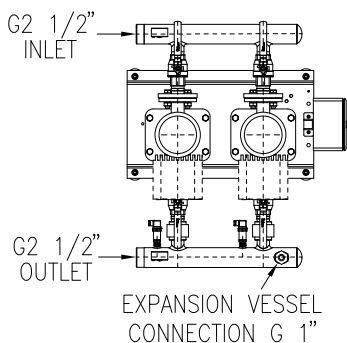
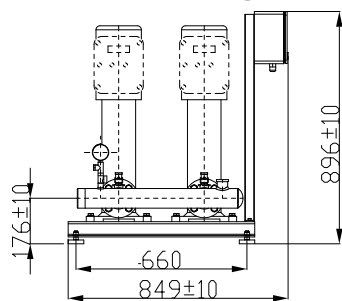
PPT BL 8-6 P2V

Pressure boosting unit with 2 vertical multistage pumps with frequency converters



Electrical specifications		
Pump	Power per pump [kW]	Power per pump [HP]
BL8-6	2,2	3

Dimension drawing



Technical specifications	
Power supply	3~ 400 V ±15%
Frequency	47-63 [Hz]
Declared protection	IP54
Fluid	Water, pH 5-8
Fluid temperature	0+120 [°C]
Insulation class	N
DN	65 [mm]
Max. pressure	16 [bar]
Ambient temperature	up to 40 [°C]
Pump material	Stainless steel
Valve material	Stainless steel
Collector material	Stainless steel

Features (PxV Variable Speed Drive)	
Delivery pressure setting	Delivery pressure set on master pump
Fault monitoring	High delivery pressure, low delivery pressure, dry run, transducer fault
Switchover	Active pump switchover interval
Fault relay output	NO 5A/NC 3A
Fault shift	If master fails, first auxiliary becomes master
Pressure transducer	0...10 bar, 4...20 mA Redundancy: Master pump and first auxiliary pump
Dry run protection	Pressure switch at suction manifold

Conformity with standards and regulations:

• EN1717:

Protection against pollution of potable water in water installations and general requirements of devices to prevent pollution by backflow

• EN 806-1:

Specifications for installations inside buildings conveying water for human consumption

USAGE:

- Sanitary wate
- Maintaining and increasing the system pressur
- Irrigation system
- Residential building
- Health facilitie
- Administrative building
- Industrial building
- Hotel



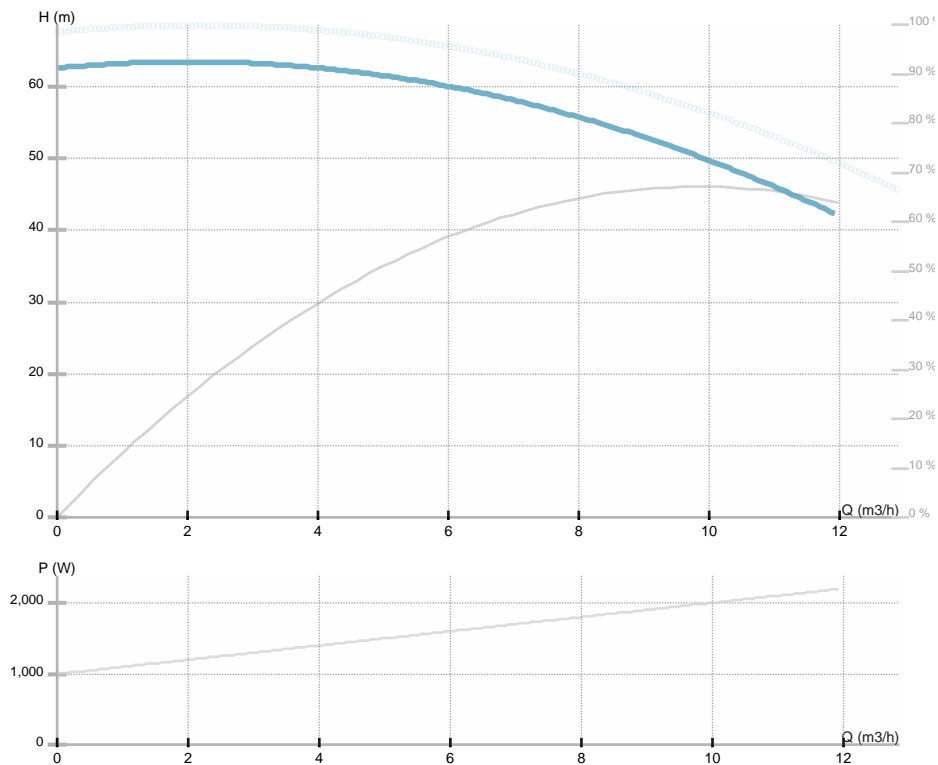
BL 8-6R 2,2kW 120°C IE3

7995931

BL / Multistage pumps

GENERAL

Part number	7995931		
Part name	BL 8-6R 2,2kW 120°C IE3	MEI	1
Seal type	1	EEl	3
Net weight	47.00 [kg]		
H max	62.0 [m]	H min	0.0 [m]
Q max	11.0 [m3/h]	Q min	0.0 [m3/h]
	[%]		
Noise	61 dB(A)		



ELECTRICAL DATA

Power supply	3~ 230/400V
Mains frequency	50 Hz
Motor power	2200 [w]
RPM	2900 [1/min]
Insulation class	F
Declared current	4.72 [A]
Declared protection	IP55
Thermal protection	1
Frame size	
Motor IE class	IE3

INSTALLATION

Fluid	Water VDI 2035, glycol 50%
Fluid temperature	0.0 ÷ 120.0 [°C]
Ambient temp.range	40 deg C
Length	280 [mm]
DN	40 [mm]
Connector	
Connection	
Max pressure	21

MATERIAL

Bearing material	
Impeller material	AISI 304
Hydraulics material	AISI 304
Shaft material	AISI 304