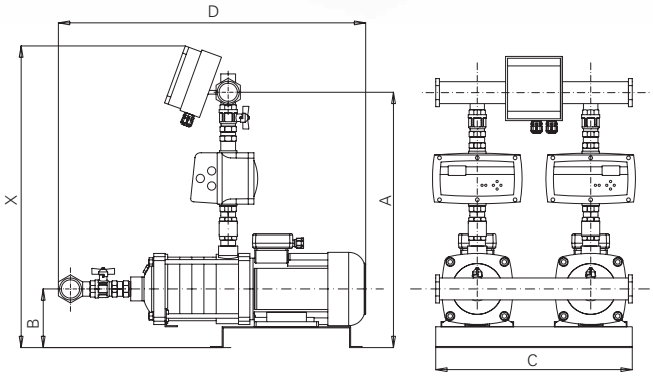
VARIO BOOST SH

PRESSURISATION GROUPS TWO HORIZONTAL PUMPS WITH FLOW INVERTER





Description

Pressurisation unit with inverter consisting of two horizontal multistage electric pumps with stainless steel impellers.

The unit consists of:
- No. 2 SPH series horizontal electric pumps
- 1 galvanised steel base
- No. 1 galvanised suction manifold
- 1 galvanised delivery manifold
- 2 check valves
- 4 ball valves
- No. 1 general safety panel
- 2 inverters

Expansion tanks are not included.

Applicationsi

- Domestic pressurisation
- Pressurisation of industrial water systems
- Fountains and water

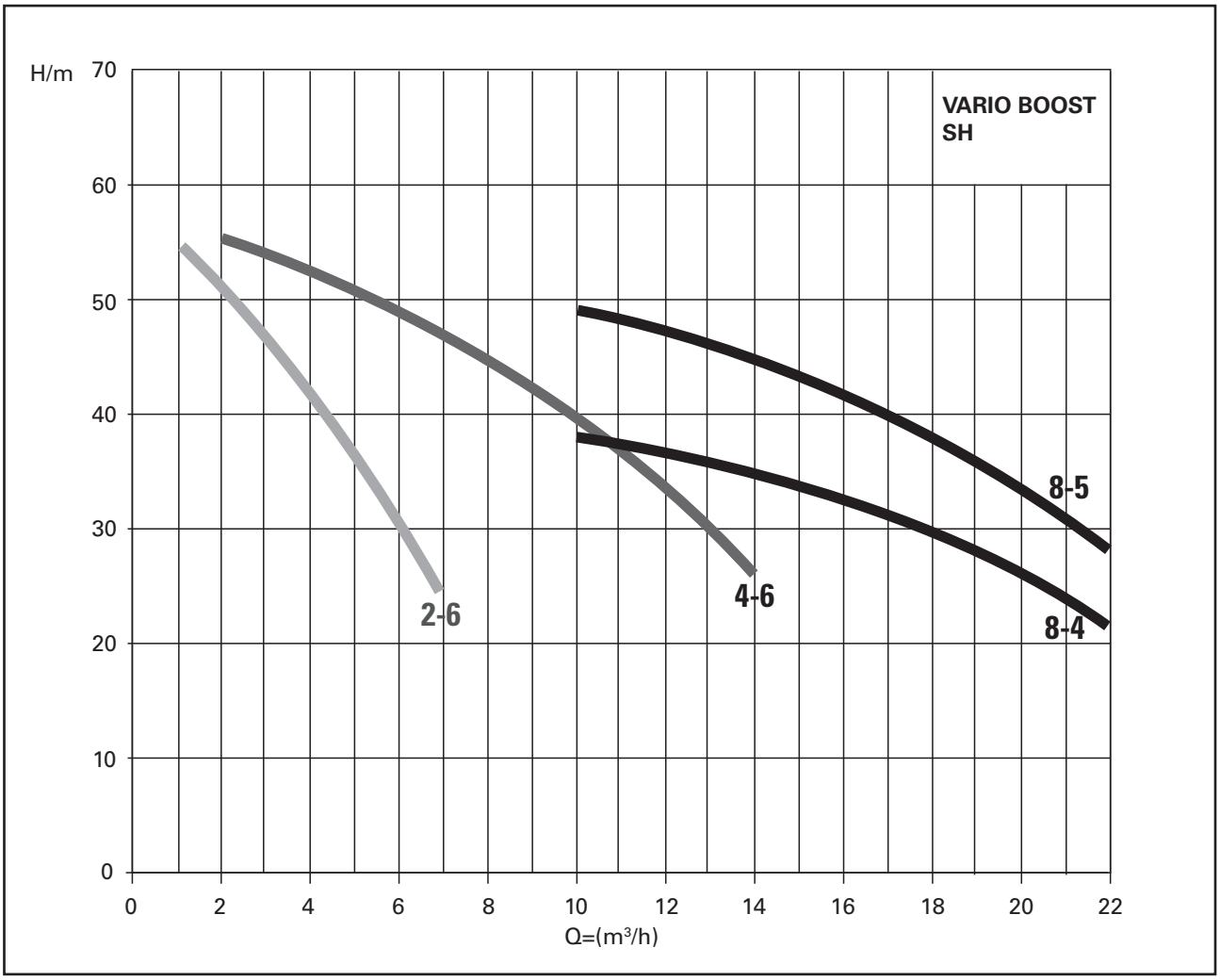
features Pumped liquid:
clean without abrasive particles in suspension.
Pumped water temperature +2°C to +40°C
D Max air temperature +45°C

VARIO system

The VARIO inverter continuously adjusts the rotation speed of an electric pump in order to maintain constant pressure as the flow rate varies. The other electric pump, also variable speed, is connected in cascade after the first has reached maximum speed and compensates for pressure fluctuations in the system. At each operating cycle, the restart is switched to a different pump to ensure uniform use.

DIMENSIONS AND WEIGHTS TABLE

Type	Dimensions mm					DNA	DNM	Weig Kg
	X	A	B	C	D			
VARIOBOOST120SH26T	900	750	170	520	650	1"½	1"½	42
VARIOBOOST120SH46T	900	750	170	520	690	2"	1"½	47
VARIOBOOST320SH46T	950	800	170	720	690	2"	1"½	49
VARIOBOOST120SH84T	950	780	180	520	700	2" ½	2"	70
VARIOBOOST320SH84T	950	830	180	720	700	2" ½	2"	72
VARIOBOOST120SH85T	930	780	180	520	730	2" ½	2"	74
VARIOBOOST320SH85T	980	830	180	720	730	2" ½	2"	76



PERFORMANCE TABLE

Code	P2 Nom.		Power supply 50 Hz	m³/h	1,0	2,0	3,0	4,0	5,0	6,0	7,0
	Hp	kW		l/min	16,0	33,2	50,0	66,6	83,2	100,0	116,6
VARIOBOOST120SH26T	1,0 + 1,0	0,75 + 0,75	1 x 220-240 V	H m CA	54	50	48	42	38	33	25
Code	P2 Nom.		Power supply 50 Hz	m³/h	2,0	4,0	6,0	8,0	10,0	12,0	14,0
	Hp	kW		l/min	33,2	66,6	100,0	133,2	166,6	200,0	233,4
VARIOBOOST120SH46T	1,5 + 1,5	1,1 + 1,1	1 x 220-240 V	H m CA	55	53	50	45	37	31	26
VARIOBOOST320SH46T	1,5 + 1,5	1,1 + 1,1	3 x 400 V		55	53	50	45	37	31	26
Code	P2 Nom.		Power supply 50 Hz	m³/h	10,0	12,0	14,0	16,0	18,0	20,0	22,0
	Hp	kW		l/min	166,6	200,0	233,4	266,7	300,0	333,4	366,7
VARIOBOOST120SH84T	2,0 + 2,0	1,5 + 1,5	1 x 220-240 V	H m CA	39	38	36	34	30	26,5	22,5
VARIOBOOST320SH84T	2,0 + 2,0	1,5 + 1,5	3 x 400 V		39	38	36	34	30	26,5	22,5
VARIOBOOST120JT85T	3,0 + 3,0	2,2 + 2,2	1 x 220-240 V		49	47	45	42,5	38	33,5	28
VARIOBOOST320JT85T	3,0 + 3,0	2,2 + 2,2	3 x 400 V		49	47	45	42,5	38	33,5	28