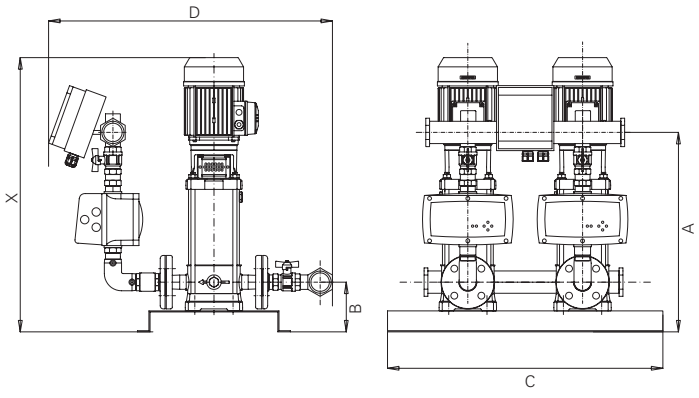
VARIO BOOST SV

PRESSURISATION GROUPS WITH TWO VERTICAL PUMPS WITH FLOW INVERTER





Description

Pressurisation unit with inverter consisting of two vertical multistage electric pumps with stainless steel impellers.
The unit consists of:
- 2 SPV series vertical electric pumps
- 1 galvanised suction manifold
- 1 galvanised delivery manifold
- 2 check valves
- 4 ball valves
- 1 general safety panel
- 2 inverters

Expansion tanks are not included.

Applications

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

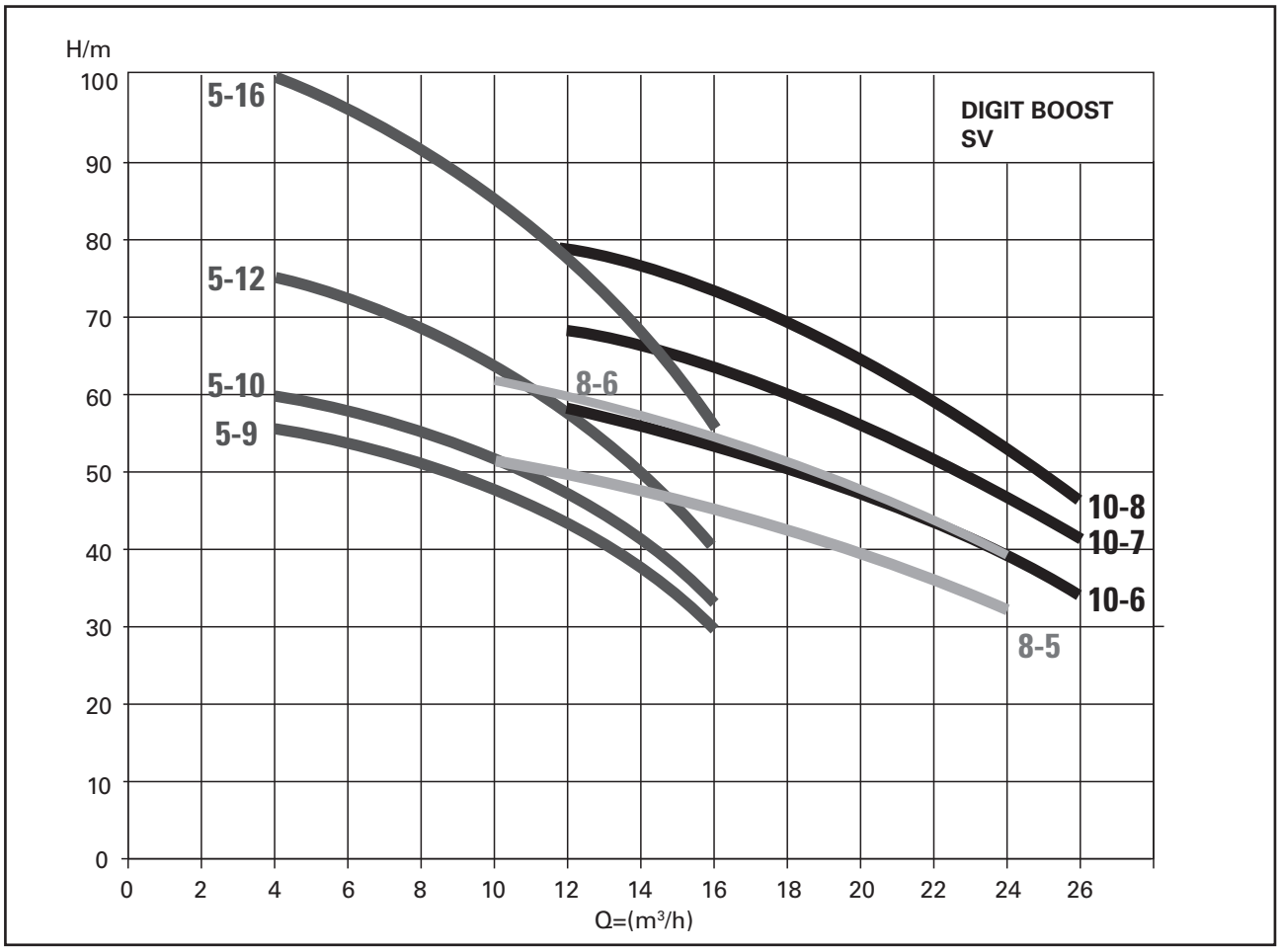
features Pumped liquid:
Clean without suspended abrasive particles.
Pumped water temperature +2°C to +40°C
Maximum air temperature +45°C

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			
VARIOBOOST120SV59T	820	577	130	520	873	2"	2"	110
VARIOBOOST120SV510T	820	577	130	520	873	2"	2"	112
VARIOBOOST320SV510T	820	627	130	720	873	2"	2"	114
VARIOBOOST120SV512T	900	627	130	520	873	2"	2"	116
VARIOBOOST320SV512T	900	707	130	720	873	2"	2"	118
VARIOBOOST120SV516T	930	577	130	520	873	2"	2"	124
VARIOBOOST320SV516T	930	627	130	720	873	2"	2"	126
VARIOBOOST120SV84T	790	597	140	720	747	2"½	2"	96
VARIOBOOST320SV84T	790	647	140	720	747	2"½	2"	108
VARIOBOOST120SV85T	820	597	140	720	747	2"½	2"	116
VARIOBOOST320SV85T	820	647	140	720	747	2"½	2"	128
VARIOBOOST120SV86T	850	597	140	720	747	2"½	2"	116
VARIOBOOST320SV86T	850	647	140	720	747	2"½	2"	128
VARIOBOOST120SV106T	850	597	140	720	747	2"½	2"	124
VARIOBOOST320SV106T	850	647	140	720	747	2"½	2"	126
VARIOBOOST320SV107T	950	467	140	720	747	2"½	2"	138
VARIOBOOST320SV108T	950	467	140	720	747	2"½	2"	143



PERFORMANCE TABLE

Code	P2 Nom.		Power supply unit	m³/h	4,0	6,0	10,0	12,0	14,0	16,0	20,0	22,0	24,0	26,0
	Hp	kW	50 Hz	l/min	66,7	100,0	166,7	200,0	233,4	266,7	333,4	366,7	400,0	433,4
VARIOBOOST120SV59T	2,0 + 2,0	1,5 + 1,5	1 x 220-240 V	H m in CA	56	54	48	43	37	30	-	-	-	-
VARIOBOOST120SV510T	2,0 + 2,0	1,5 + 1,5	1 x 220-240 V		62	60	53	47	41	34	-	-	-	-
VARIOBOOST320SV510T	2,0 + 2,0	1,5 + 1,5	3 x 400 V		62	60	53	47	41	34	-	-	-	-
VARIOBOOST120SV512T	3,0 + 3,0	2,2 + 2,2	1 x 220-240 V		75	72	64	57	50	40	-	-	-	-
VARIOBOOST320SV512T	3,0 + 3,0	2,2 + 2,2	3 x 400 V		75	72	64	57	50	40	-	-	-	-
VARIOBOOST120SV516T	3,0 + 3,0	2,2 + 2,2	1 x 220-240 V		100	96	85	76	66	54	-	-	-	-
VARIOBOOST320SV516T	3,0 + 3,0	2,2 + 2,2	3 x 400 V		100	96	85	76	66	54	-	-	-	-
VARIOBOOST120SV84T	2,0 + 2,0	1,5 + 1,5	1 x 220-240 V		-	-	41	39	38	36	32	28	26	-
VARIOBOOST320SV84T	2,0 + 2,0	1,5 + 1,5	3 x 400 V		-	-	41	39	38	36	32	28	26	-
VARIOBOOST120SV85T	3,0 + 3,0	2,2 + 2,2	1 x 220-240 V		-	-	52	50	48	45	40	36	32	-
VARIOBOOST320SV85T	3,0 + 3,0	2,2 + 2,2	3 x 400 V		-	-	52	50	48	45	40	36	32	-
VARIOBOOST120SV86T	3,0 + 3,0	2,2 + 2,2	1 x 220-240 V		-	-	62	60	57	54	48	43	39	-
VARIOBOOST320SV86T	3,0 + 3,0	2,2 + 2,2	3 x 400 V		-	-	62	60	57	54	48	43	39	-
VARIOBOOST120SV106T	3,0 + 3,0	2,2 + 2,2	1 x 220-240 V		-	-	-	58	56	54	47	43	39	34
VARIOBOOST320SV106T	3,0 + 3,0	2,2 + 2,2	3 x 400 V		-	-	-	58	56	54	47	43	39	34
VARIOBOOST320SV107T	4,0 + 4,0	3,0 + 3,0	3 x 400 V		-	-	-	69	66	63	56	51	46	41
VARIOBOOST320SV108T	4,0 + 4,0	3,0 + 3,0	3 x 400 V		-	-	-	79	76	73	64	58	52	46