



Pump • Fire Fighting Units • Booster Set

TH SKMV BOOSTERS

TH SKMV Rev.05.03.2024



General Information

High pressure, quiet running, compact and low power consumption.

SKMV pumps are suitable for pumping non-abrasive, clean or slightly contaminated, low viscosity without solid & fibrous particles liquids.

Vertical design saves space.

Technical Data

Capacity _____ up to 300 m³/h

Head _____ up to 180 m

Design Temperature _____ up to 70 °C

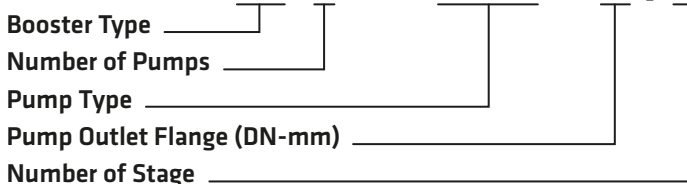
Casing Pressure _____ 10 - 16 - 25 bar

Design Features

- TH SKMV boosters are manufactured with vertical pump.
- The boosters are produced as single, double and triple pumps as a standard according to the desired flow. Upon request, up to 6 pumps can be set.
- Single-pump boosters have a water level float (electric floater).
- Phase control system (PCS) is available in single pump, three-phase motorized boosters.
- Sequencing, phase control and liquid level control are standard features for multiple pumped booster pumps.
- Booster pumps can operate in two different modes; automatically and manually.
- Electrical materials used in the booster pump panels are selected from reliable and quality brands.

Booster Designation

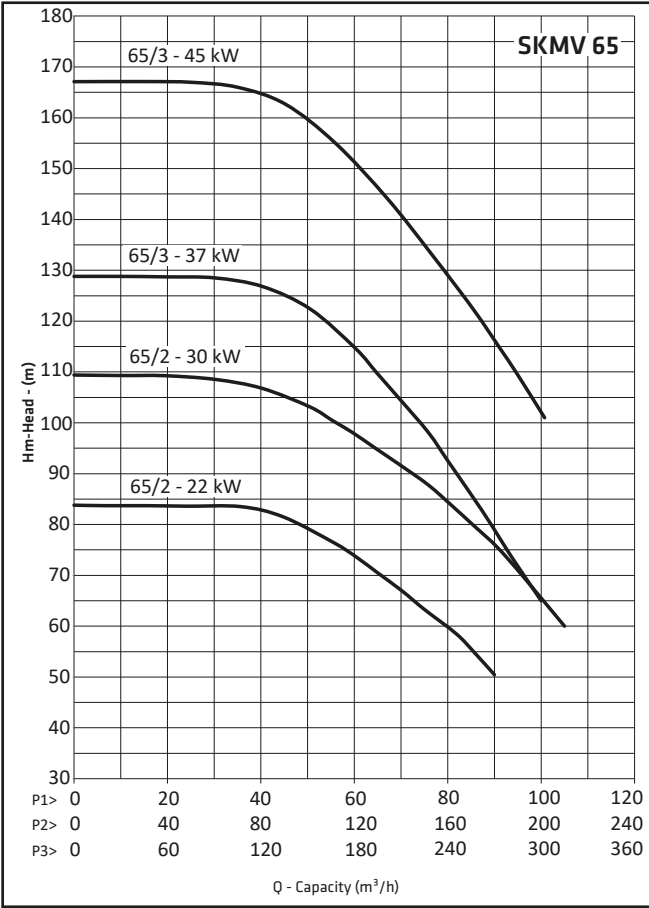
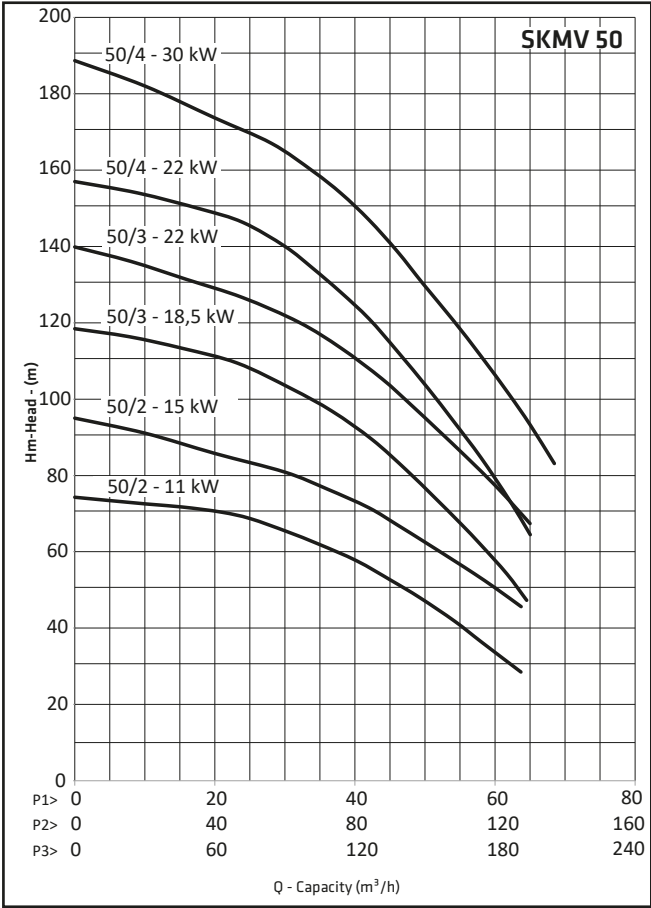
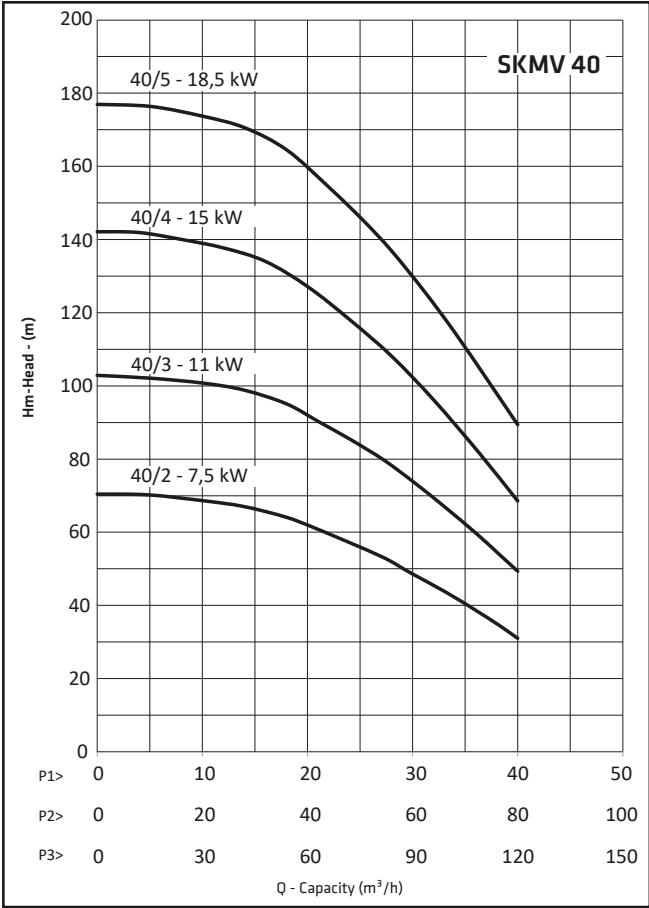
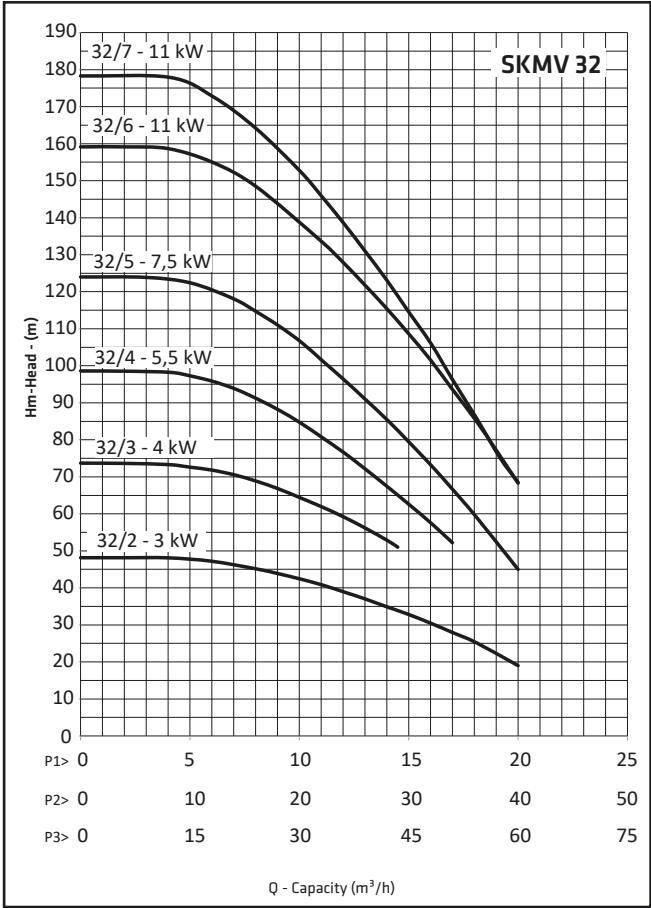
TH 2 x SKMV 50/3



- Electric motors of high efficiency class conforming to IEC 60034-30 standard are used.
- The booster pumps can be manufactured as a variable-speed frequency control for convenience. (upon request)

Material Information

Part Name	Material	
	Standard	Optional
Pump		
Base Plate	GG 25	Bronze / AISI 304
Stage Casing	GG 25	Bronze / AISI 304
Intermediate Stage	GG 25	Bronze / AISI 304
Impeller	Brass	Bronze / AISI 304
Shaft	AISI 420	AISI 304
Panel	Pressure Switch Controlled	Frequency Controlled
Collector	Steel	AISI 304
Frame	Steel	-
Accessories		
Valve	Brass	AISI 304
Check Valve	Brass	AISI 316

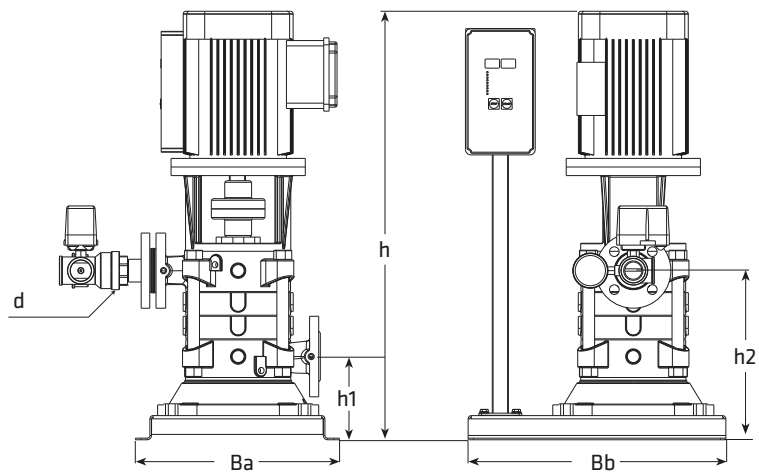


Pump Type	Motor		Overall Dimensions										Weight
	kW	IEC	Ba	Bb	Ka	Kb	Ba(max)	E	h	d	h1	h2	KG
1x SKMV 32/2	3	100L							850			115	115
1x SKMV 32/3	4	112M							880			157	180
1x SKMV 32/4	5.5	132D	480	385	420	360	-	550	920	1½"	150	200	215
1x SKMV 32/5	7.5	132S										243	225
1x SKMV 32/6	11	160M					680					286	280
2x SKMV 32/2	3	100L							850			115	235
2x SKMV 32/3	4	112M							880			157	365
2x SKMV 32/4	5.5	132S	900	380	800	350	-	795	920	2½"	150	200	435
2x SKMV 32/5	7.5	132S							1020			243	455
2x SKMV 32/6	11	160M	1050		950				1040			286	570
3x SKMV 32/2	3	100L							850			115	340
3x SKMV 32/3	4	112M							880			157	540
3x SKMV 32/4	5.5	132S	1300	380	1200	350	-	755	920	3"	150	200	640
3x SKMV 32/5	7.5	132S							1020			243	675
3x SKMV 32/6	11	160M	1400		1300				1040			286	845

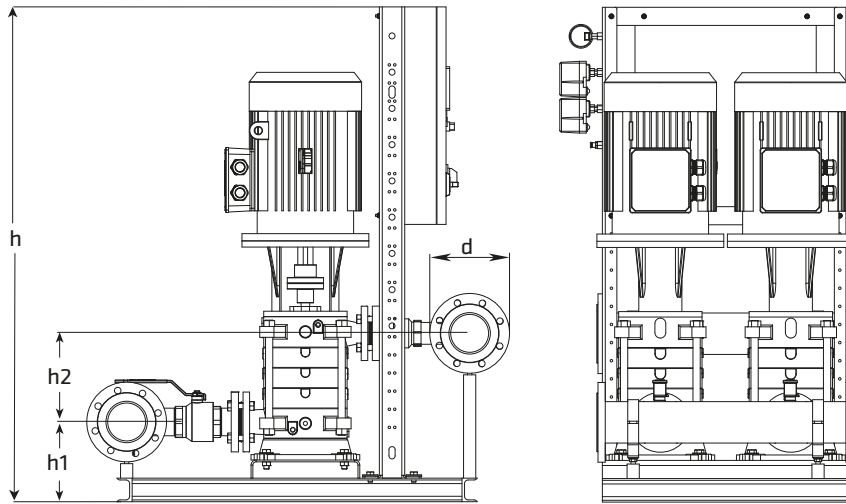
Pump Type	Motor		Overall Dimensions										Weight
	kW	IEC	Ba	Bb	Ka	Kb	Ba(max)	E	h	d	h1	h2	KG
1x SKMV 40/2	7.5	132S					-		850			131	115
1x SKMV 40/3	11	160M							880			186	180
1x SKMV 40/4	15	160M	480	385	420	360	680	590	1165	1½"	150	245	215
1x SKMV 40/5	18.5	160L							1200			301	225
2x SKMV 40/2	7.5	132S	950	380	850	350	-	795	850			131	280
2x SKMV 40/3	11	160M							980			186	235
2x SKMV 40/4	15	160M	1100	380	1000	350	-	950	1165	4"	150	245	365
2x SKMV 40/5	18.5	160L							1200			301	435
3x SKMV 40/2	7.5	132S	1400	380	1300	350	-	955	850			131	455
3x SKMV 40/3	11	160M							1165			186	570
3x SKMV 40/4	15	160M	1620	380	1480	350	-	955	1165	5"	150	245	340
3x SKMV 40/5	18.5	160L							1200			301	540

Pump Type	Motor		Overall Dimensions							Weight	
	kW	IEC	Ba	Bb	Ba(max)	h	d	h1	h2	KG	
1x SKMV 50/2	11	160M				1060			155	235	
1x SKMV 50/2	15	160M				1060			155	245	
1x SKMV 50/3	18.5	160L				1125			220	275	
1x SKMV 50/3	22	180M	525	420		1125	2"	155	220	300	
1x SKMV 50/4	22	180M				1185			285	325	
1x SKMV 50/4	30	200L				1300			285	390	
1x SKMV 50/4	37	200L				1300			285	390	
2x SKMV 50/2	11	160M				1365			155	540	
2x SKMV 50/2	15	160M				1365			155	550	
2x SKMV 50/3	18.5	160L				1365			220	615	
2x SKMV 50/3	22	180M	800	1125	-	1365	5"	225	220	665	
2x SKMV 50/4	22	180M				1565			285	715	
2x SKMV 50/4	30	200L				1565			285	830	
2x SKMV 50/4	37	200L				1565			285	830	
3x SKMV 50/2	11	160M				1380			155	800	
3x SKMV 50/2	15	160M				1380			155	815	
3x SKMV 50/3	18.5	160L				1380			220	915	
3x SKMV 50/3	22	180M	1200	1150	-	1380	6"	235	220	985	
3x SKMV 50/4	22	180M				1580			285	1060	
3x SKMV 50/4	30	200L				1580			285	1220	
3x SKMV 50/4	37	200L				1580			285	1220	

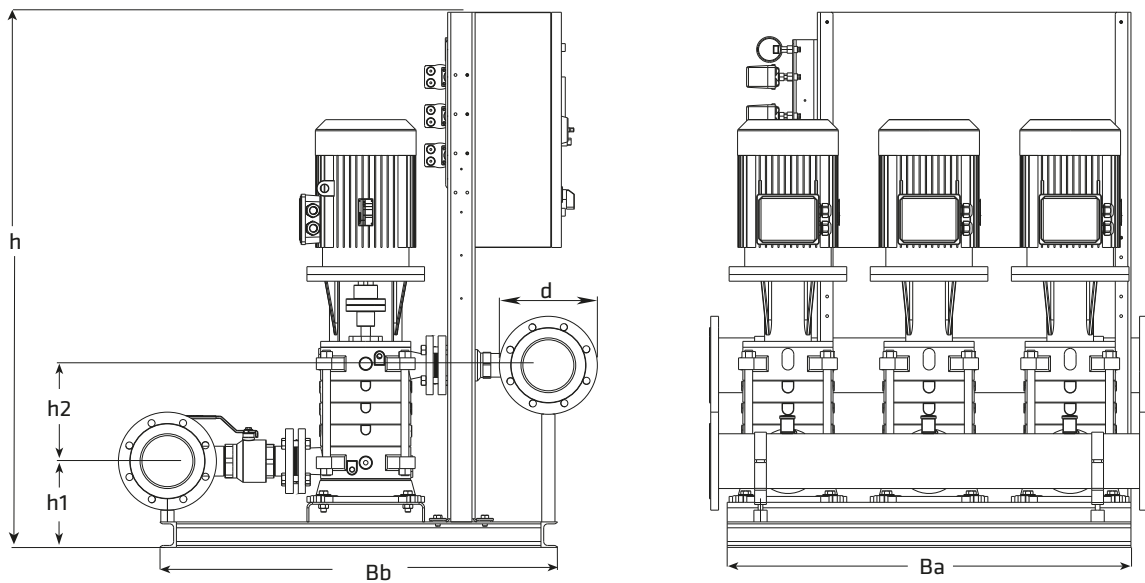
Pump Type	Motor		Overall Dimensions							Weight
	kW	IEC	Ba	Bb	Ba(max)	h	d	h1	h2	KG
1x SKMV 65/2	22	180M				1300			200	330
1x SKMV 65/2	30	200L				1300			200	385
1x SKMV 65/3	37	200M	600	880	800	1300	5"	180	255	420
1x SKMV 65/3	45	225L				1300			255	515
2x SKMV 65/2	22	180M				1400			200	705
2x SKMV 65/2	30	200L	900	1380	-	1400	6"	255	200	810
2x SKMV 65/3	37	200M				1900			255	880
2x SKMV 65/3	45	225L				1900			255	1030
3x SKMV 65/2	22	180M				1600			200	1055
3x SKMV 65/2	30	200L	1200	1450	-	1600	8"	255	200	1215
3x SKMV 65/3	37	200M				1900			255	1320
3x SKMV 65/3	45	225L				1900			255	1545



for TH SKM-V 50

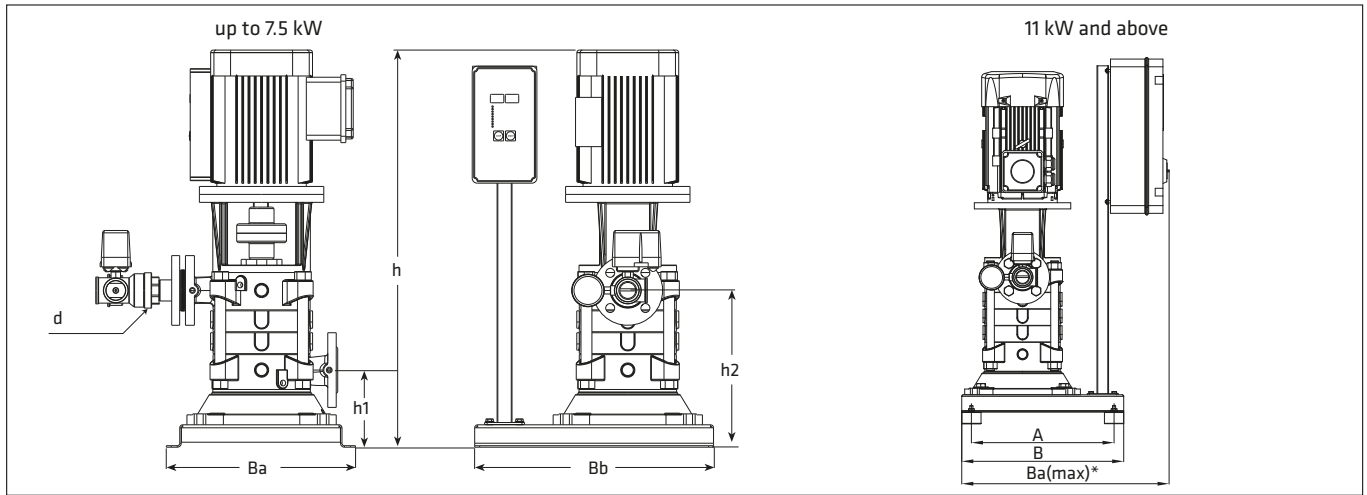


for TH SKM-V 50 and 65 series pump.



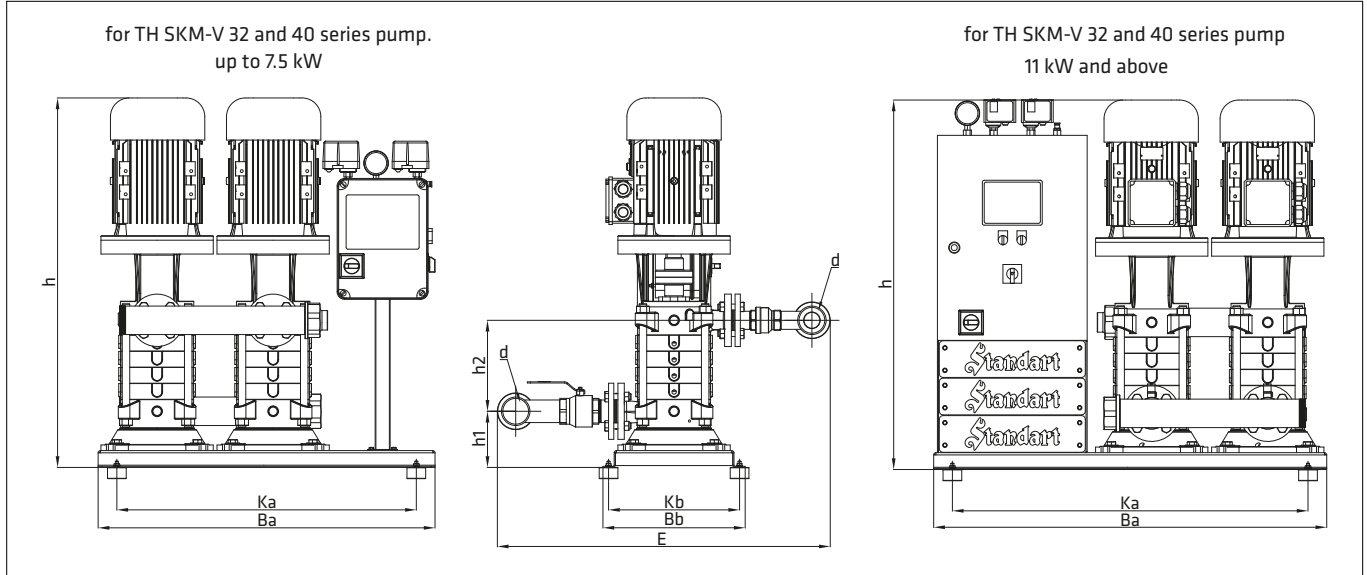
for TH SKM-V 50 and 65 series pump.

Booster set with one pump



(*) Ba(max) dimensions are different according to control panels. Contact for detailed information.

Booster set with two pumps



Booster set with three pumps

