

FPZ
BLOWER TECHNOLOGY

SERIE K-MS GOR

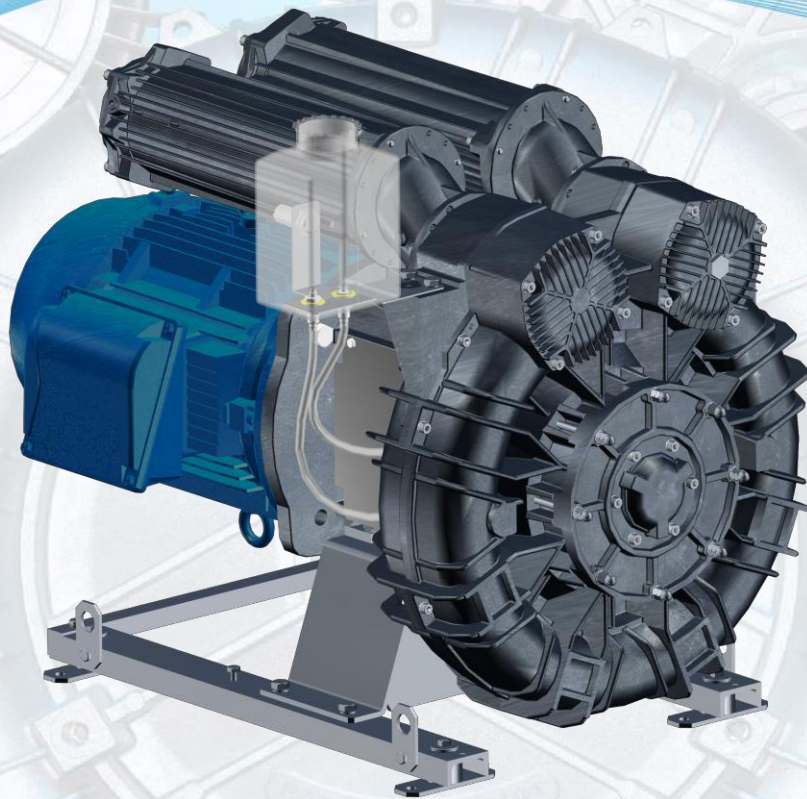
TMD ATEX II 2G c T3 VERSION

TECHNICAL CHARACTERISTICS

- Aluminium alloy construction
- High efficiency impeller
- Surface treatments

OPTIONS

- Special Voltages (IEC 60038)



COMPANY WITH
QUALITY SYSTEM
CERTIFIED BY DNV GL
= ISO 9001 =



Data sheet

LATERAL CHANNEL BLOWERS-EXHAUSTERS

PRESSURE

Mod	N 2900 rpm [kW]	N 3500 rpm [kW]	Q max 2900 rpm [m³/h]	Q max 3500 rpm [m³/h]	Gr. ³	ΔP max 2900 rpm [hPa](mbar)	ΔP max 3500 rpm [hPa](mbar)	Leq ¹ 2900 rpm (Lp)(dB(A))	Leq ¹ 3500 rpm (Lp)(dB(A))	Weight ² max [kg]
K07-MS	4	4	397	480	112 B5	225	175	77	79	64
	5,5	5,5	397	480	132 B5	300	250	77,3	79,3	68,5
	7,5	7,5	397	480	132 B5	-	350	-	79,6	68,5
K08-MS	5,5	5,5	501	605	132 B5	220	175	78	80	73
	7,5	7,5	501	605	132 B5	325	250	78,3	80,3	73
	11	11	501	605	160 B5	-	375	-	80,6	76
K09-MS	5,5	5,5	657	792	132 B5	175	100	78,2	80,2	87
	7,5	7,5	657	792	132 B5	250	175	78,5	80,5	87
	11	11	657	792	160 B5	350	300	79	81	90
	15	15	657	792	160 B5	-	400	-	81,3	90
K10-MS	7,5	7,5	784	946	132 B5	175	125	79,4	81,4	88
	11	11	784	946	160 B5	275	225	79,6	81,6	91
	15	15	784	946	160 B5	400	350	80	82	91
	18,5	18,5	784	946	160 B5	-	400	-	84,9	91
K11-MS	7,5	7,5	889	1073	132 B5	125	-	80	-	92
	11	11	889	1073	160 B5	225	175	80,4	82,4	95
	15	15	889	1073	160 B5	375	275	80,7	82,7	95
	18,5	18,5	889	1073	160 B5	-	375	-	85,6	95

VACUUM

Mod	N 2900 rpm [kW]	N 3500 rpm [kW]	Q max 2900 rpm [m³/h]	Q max 3500 rpm [m³/h]	Gr. ³	ΔP max 2900 rpm [hPa](mbar)	ΔP max 3500 rpm [hPa](mbar)	Leq ¹ 2900 rpm (Lp)(dB(A))	Leq ¹ 3500 rpm (Lp)(dB(A))	Weight ² max [kg]
K07-MS	4	4	397	480	112 B5	225	175	76	78	64
	5,5	5,5	397	480	132 B5	250	250	76,3	78,3	68,5
	7,5	7,5	397	480	132 B5	-	300	-	78,6	68,5
K08-MS	5,5	5,5	501	605	132 B5	220	160	77,1	79,1	73
	7,5	7,5	501	605	132 B5	275	250	77,7	79,4	73
	11	11	501	605	160 B5	-	300	-	79,9	76
K09-MS	5,5	5,5	657	792	132 B5	175	100	77,3	79,3	87
	7,5	7,5	657	792	132 B5	250	175	77,6	79,6	87
	11	11	657	792	160 B5	300	300	78,1	80,1	90
	15	15	657	792	160 B5	-	-	-	-	90
K10-MS	7,5	7,5	784	946	132 B5	175	125	77,7	79,7	88
	11	11	784	946	160 B5	300	225	78,5	80,5	91
	15	15	784	946	160 B5	-	325	-	80,7	91
	18,5	18,5	784	946	160 B5	-	-	-	-	91
K11-MS	7,5	7,5	889	1073	132 B5	125	-	80	-	92
	11	11	889	1073	160 B5	225	175	81	83	95
	15	15	889	1073	160 B5	300	275	81,8	83,8	95
	18,5	18,5	889	1073	160 B5	-	325	-	86,7	95

INSTALLATION

- For proper use, the blower should be equipped with inlet ATEX FILTER.
- Ambient temperature from -15° to +40°C (+5° to +104° F)
- Specifications subject to change without notice
- Before installation read carefully all instructions

¹ Noise measured at 1m distance with inlet and outlet ports piped, in accordance to ISO 3744.

² Value refers to the weight of the machine with 3 Phase motor if MOR range, without motor if GOR or GVR range.

³ Electric motor's construction form.

N: Installed motor power

Q: Flow rate

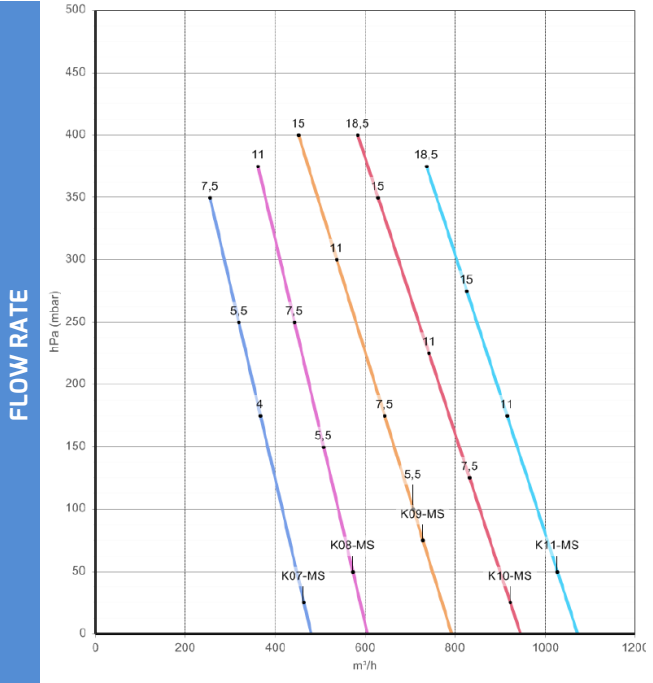
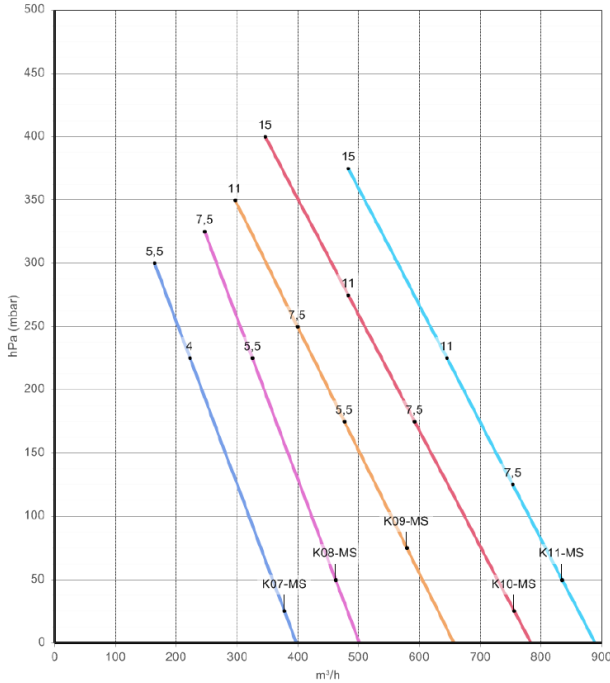
P: Differential pressure

Leq: Noise level

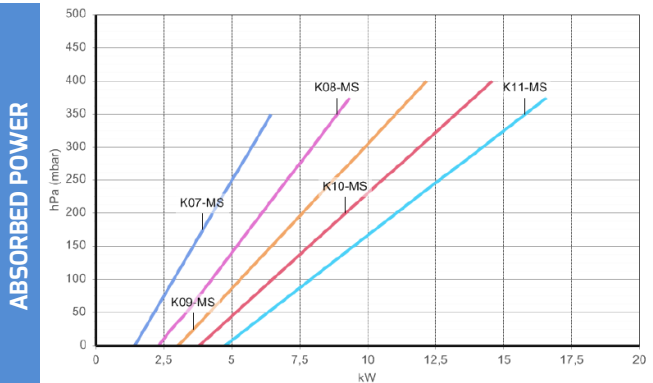
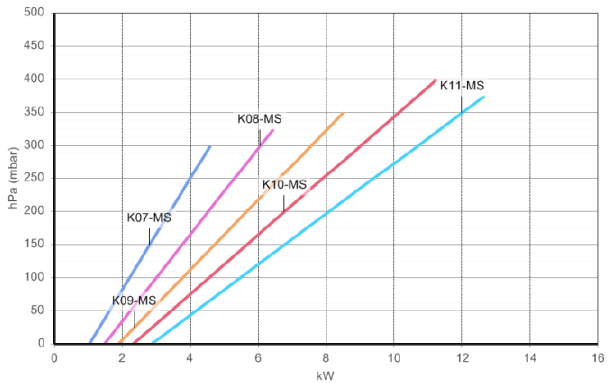
PRESSURE

2900 rpm (50 Hz)

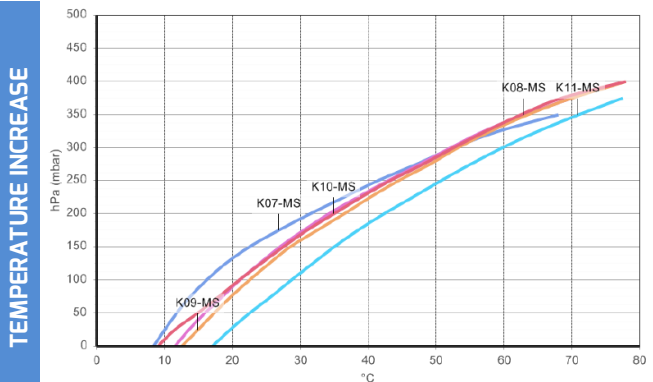
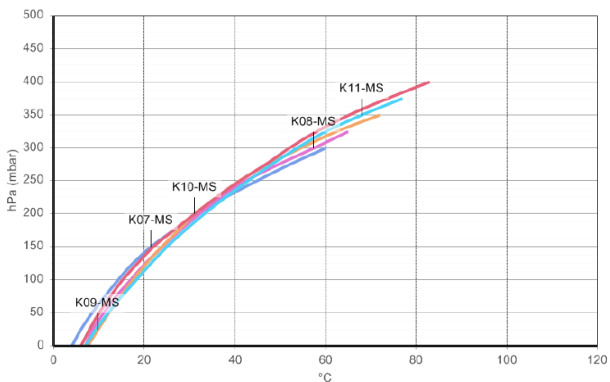
3500 rpm (60 Hz)



FLOW RATE



ABSORBED POWER

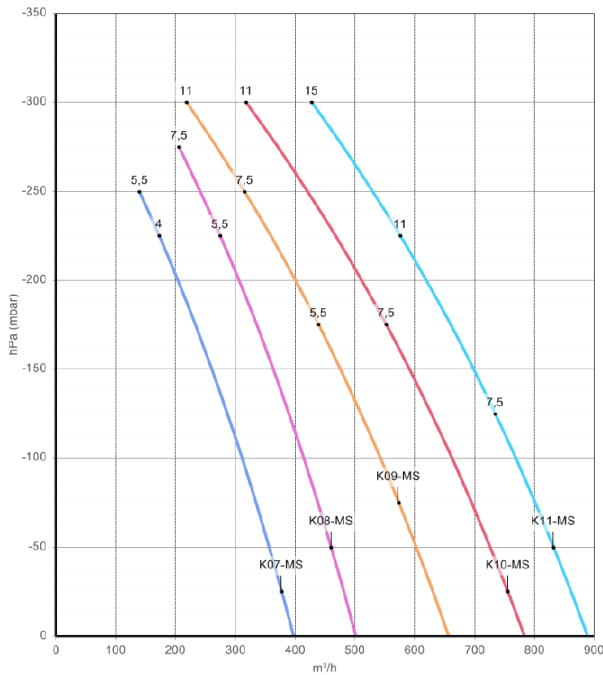


TEMPERATURE INCREASE

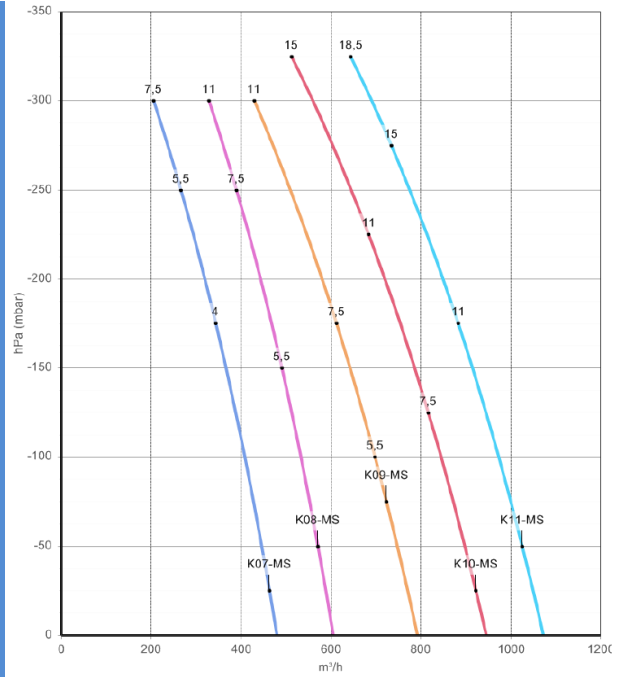
Curves refer to air at 20°C (68° F) temperature, measured at inlet port and 1013 mbar (29.92 In Hg) atmospheric backpressure (abs). Values for flow, power consumption and temperature rise: ± 10% tolerance. Data can change without prior notice.

VACUUM

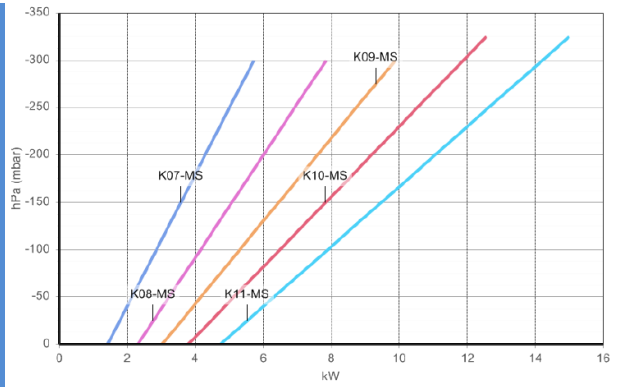
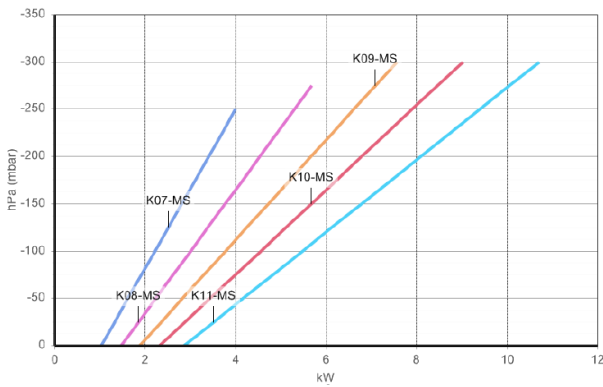
2900 rpm (50 Hz)



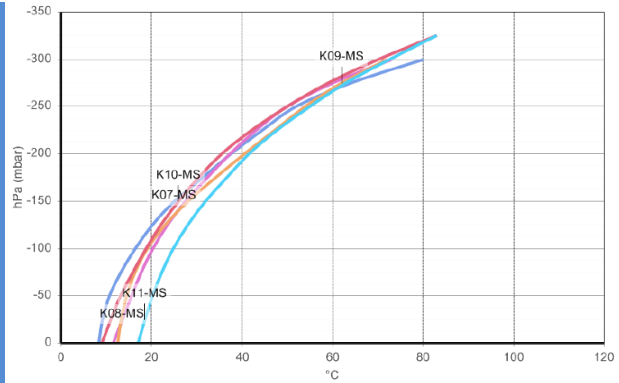
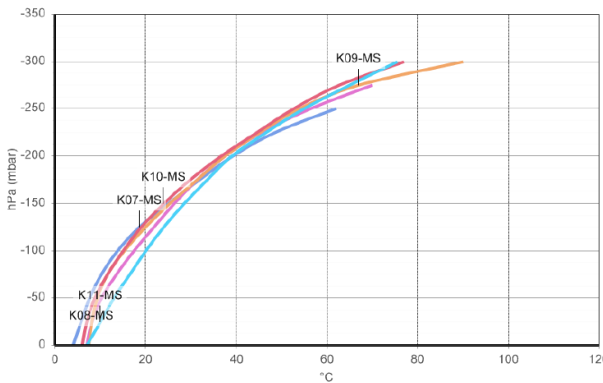
3500 rpm (60 Hz)



FLOW RATE

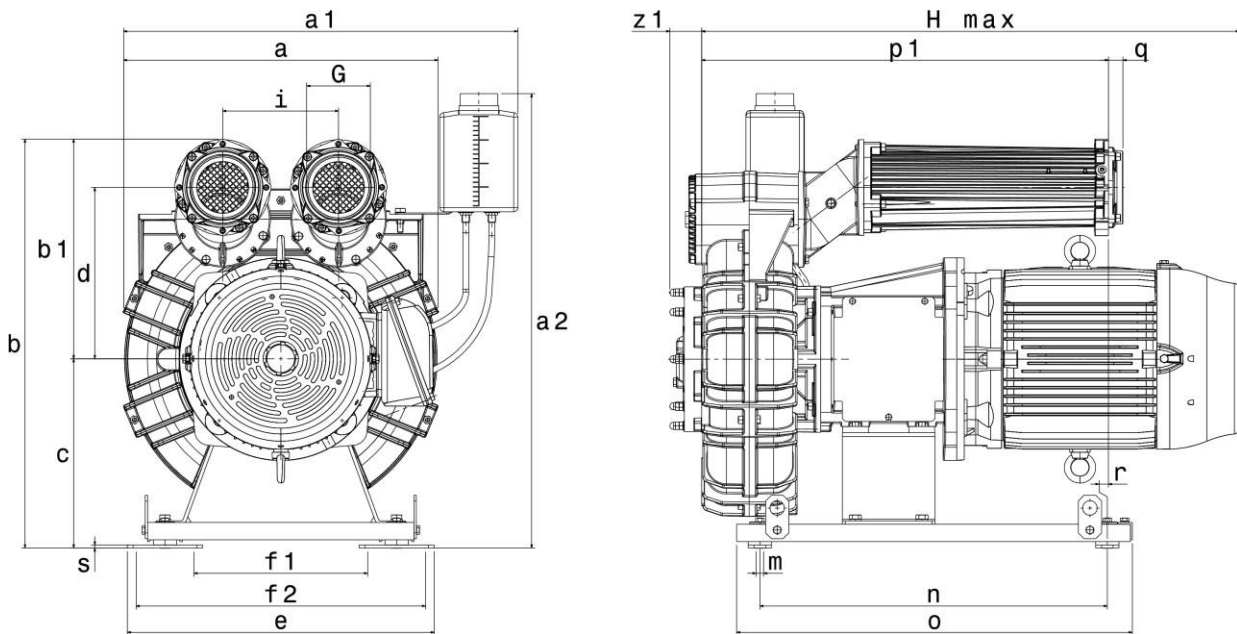


ABSORBED POWER



TEMPERATURE INCREASE

Curves refer to air at 20°C (68° F) temperature, measured at inlet port and 1013 mbar (29.92 In Hg) atmospheric backpressure (abs). Values for flow, power consumption and temperature rise: ± 10% tolerance. Data can change without prior notice.

DIMENSIONS (K07-MS/K08-MS/K09-MS/K10-MS/K11-MS)


Dimensions in mm - FOR REFERENCE ONLY

Mod	M.E.	a	a1	a2	b	b1	c
K07-MS	112B14	424	586	681	605	320	285
K07-MS	132 B5	424	586	681	605	320	285
K08-MS	132 B5	457	607.5	681	605	320	285
K08-MS	160 B5	457	607.5	681	605	320	285
K09-MS	132 B5	492	640	772.5	690	360	330
K09-MS	160 B5	492	640	772.5	690	360	330
K10-MS	132 B5	516	652	772.5	690	360	330
K10-MS	160 B5	516	652	772.5	690	360	330
K11-MS	132 B5	542	681	785	710	380	330
K11-MS	160 B5	542	681	785	710	380	330

Mod	d	e	f1	f2	G	H	i
K07-MS	247	470	240	440	G 3"	705	155
K07-MS	247	470	240	440	G 3"	780	155
K08-MS	247	470	240	440	G 3"	780	155
K08-MS	247	470	240	440	G 3"	920	155
K09-MS	275	530	300	500	G 4"	792	182
K09-MS	275	530	300	500	G 4"	932	182
K10-MS	275	530	300	500	G 4"	792	182
K10-MS	275	530	300	500	G 4"	932	182
K11-MS	296	530	300	500	G 4"	797	200
K11-MS	296	530	300	500	G 4"	937	200

Mod	m	n	o	p1	q	r	s	z1
K07-MS	15	520	600	612	25	-16	5	52
K07-MS	15	520	600	612	25	-16	5	52
K08-MS	15	520	600	612	25	-16	5	52
K08-MS	15	520	600	612	25	-16	5	52
K09-MS	15	600	680	700	25	-3	5	52
K09-MS	15	600	680	700	25	-3	5	52
K10-MS	15	600	680	700	25	-3	5	52
K10-MS	15	600	680	700	25	-3	5	52
K11-MS	15	600	680	710	25	2	5	52
K11-MS	15	600	680	710	25	2	5	52