



K03-K04-K05-K06 MS
EU Regulations (50/60Hz)
Single-stage/Single-rotor Blowers
Integral motor design versions
Pressure die-cast series

Capacity up to 304 m³/hr (50Hz) / 366 m³/hr (60Hz)
Max. differential pressure: 350 mbar

Two-pole electric motors, single-phase and three-phase asynchronous, insulation class F - Tropicalised and IP55 protection, built in conformity with IEC regulations with standard voltages V230/400-50Hz - V265/460-60Hz.

F K07-K75-K08-K09-K10-K11-K12 MS
EU Regulations (50/60Hz)
Single-stage/Single-rotor Blowers
Integral motor design versions
Sand-cast series

Capacity up to 915 m³/hr (50Hz) / 1,105 m³/hr (60Hz)
Max. differential pressure: 500 mbar

Two-pole electric motors, three-phase asynchronous, insulation class F - Tropicalised and IP55 protection, built in conformity with IEC regulations with standard voltages V230/400-50Hz - V265/460-60Hz up to 4kW inclusive and V400/690-50Hz - V460/795-60Hz.

F K03-K04-K05-K06 TS
EU Regulations (50/60Hz)
Single-rotor/Double-stage Blowers
Integral motor design versions
Pressure die-cast series

Capacity up to 563 m³/hr (50Hz) / 679 m³/hr (60Hz)
Max. differential pressure: 300 mbar

Two-pole electric motors, three-phase asynchronous, insulation class F - Tropicalised and IP55 protection, built in conformity with IEC regulations with standard voltages V230/400-50Hz - V265/460-60Hz up to 4kW inclusive and V400/690-50Hz - V460/795-60Hz.



K07-K08-K09-K10-K11 TS
Art. TS

Single-rotor/Double-stage Blowers
Integral motor design versions
Sand-cast series

Capacity up to 1,765 m³/hr (50Hz) / 2,130 m³/hr (60Hz)

Max. differential pressure: 450 mbar

Two-pole electric motors, three-phase asynchronous, insulation class F - Tropicalised and IP55 protection, built in conformity with IEC regulations with standard voltages V230/400-50Hz - V265/460-60Hz up to 4kW inclusive and V400/690-50Hz - V460/795-60Hz.



COMPRESSORI A CANALE LATERALE
SCL K03 / K04 / K05 / K06
 SERIE **MS** - ESECUZIONE **MOR**
 SN 1743-7 1/2

LATERAL CHANNEL BLOWERS - COMPRESSORS
SCL K03 / K04 / K05 / K06
MS SERIES - MOR RANGE
 SN 1870-7 1/2

TECHNICAL CHARACTERISTICS

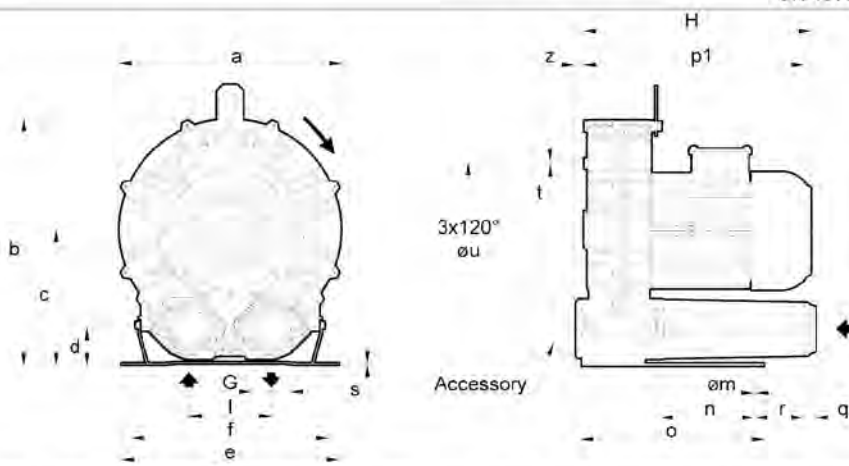
- Aluminium alloy construction
- Smooth operation
- High efficiency impeller
- Maintenance free
- Mountable in any position

OPTIONS

- Special voltages (IEC 38)
- Surface treatments

Possible alternative positions,
 please refer to drw SI 1835

Dimensions in mm.
 Dimensions for reference only

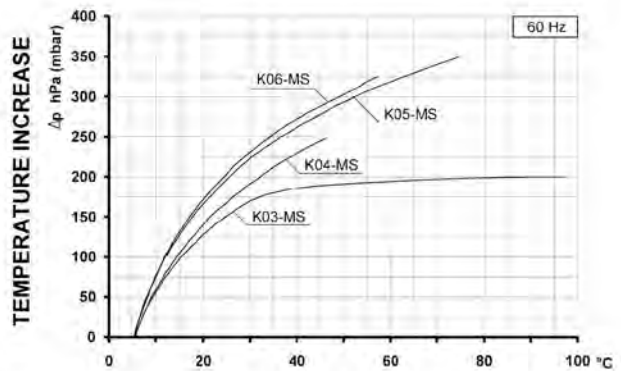
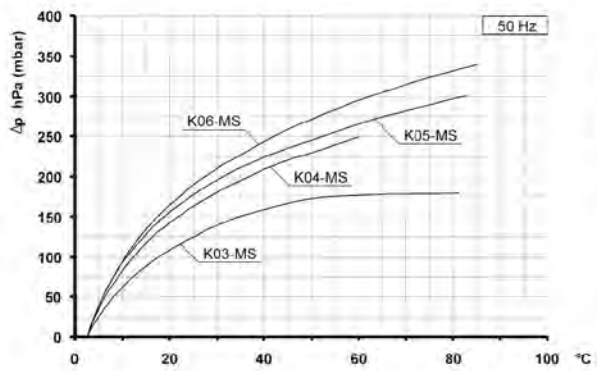
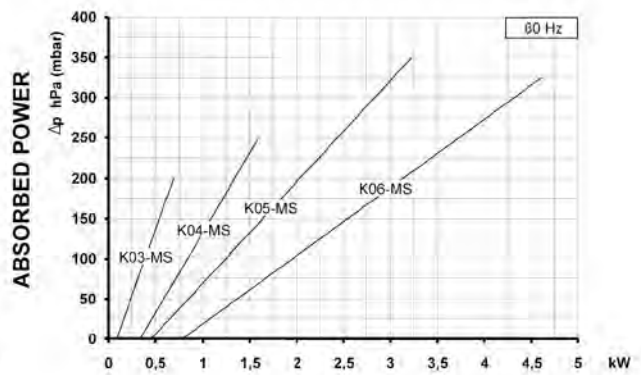
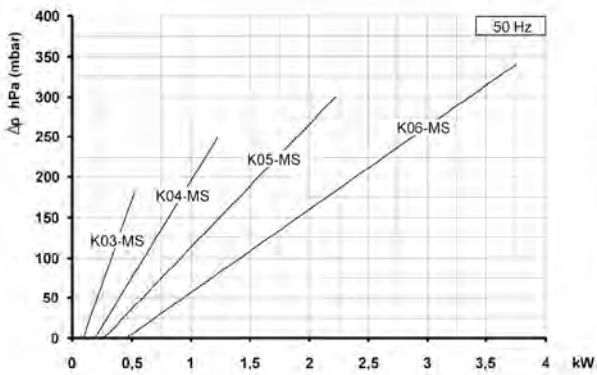
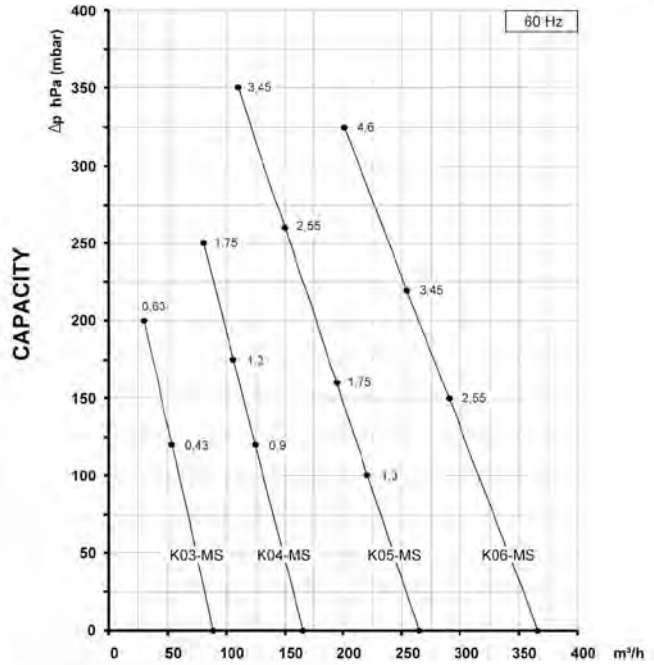
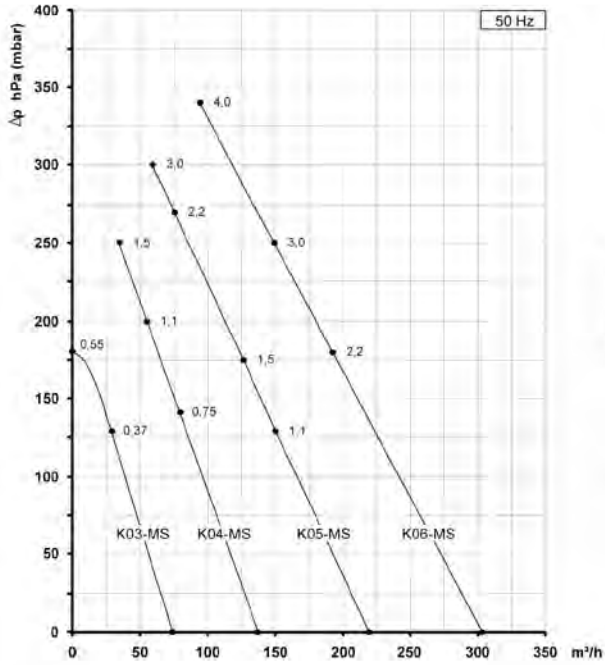


Model	a	b	c	d	e	f	G	l	m	n	o	p1	q	r	s	t	u	z
K03-MS	241	268	147	43	230	205	G 1" 1/4	86	10	83	142	205	18	75	4	M6	140	12
K04-MS	285	315	172	49	255	225	G 1" 1/4	102	12	95	171	222	18	70	4	M6	175	18
K05-MS	327	365	200	54	320	260	G 2"	120	15	115	265	320	18	98	4	M8	200	19
K06-MS	376	393	205	54	325	290	G 2"	125	15	140	272	334	18	85	4	M8	240	19

Model	Maximum flow m ³ /h		Installed power kW		Maximum differential pressure Δp hPa (mbar)		Noise level Lp dB (A) ⁽¹⁾		Overall dimensions H (max) mm	Weight (max) Kg
	50 Hz 2900 rpm	60 Hz 3500 rpm	50 Hz 2900 rpm	60 Hz 3500 rpm	50 Hz 2900 rpm	60 Hz 3500 rpm	50 Hz 2900 rpm	60 Hz 3500 rpm		
	K03-MS	74	89	0.37	0.43	130	120	59.7	61.7	241
K04-MS	137	166	0.55	0.63	180	200	60.0	62.0	241	12.0
			0.75	0.9	140	120	62.6	64.6	282	15.8
			1.1	1.3	200	175	62.8	64.8	282	16.5
K05-MS	219	265	1.5	1.75	250	250	63.0	65.0	310	19.5
			1.1	1.3	130	100	68.2	70.2	307	22.5
			1.5	1.75	175	160	68.5	70.5	315	23.5
K06-MS	304	366	2.2	2.55	270	260	68.8	70.8	345	26.5
			3.0	3.45	300	350	69.1	71.1	375	30.5
			2.2	2.55	180	150	71.0	73.0	400	31.2
K06-MS	304	366	3.0	3.45	250	220	71.3	73.3	400	32.5
			4.0	4.6	340	325	71.6	73.6	400	41.0

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

- For proper use, the blower should be equipped with inlet filter and safety valve; other accessories available on request.
- Ambient temperature from -15° to +40°C.
- Specifications subject to change without notice.



Curves refer to air at 20°C temperature and 1013 mbar (abs) atmospheric pressure measured at inlet port.
 Values for flow, power consumption and temperature rise: +/-10% tolerance.
 Data can change without prior notice.

TECHNICAL CHARACTERISTICS

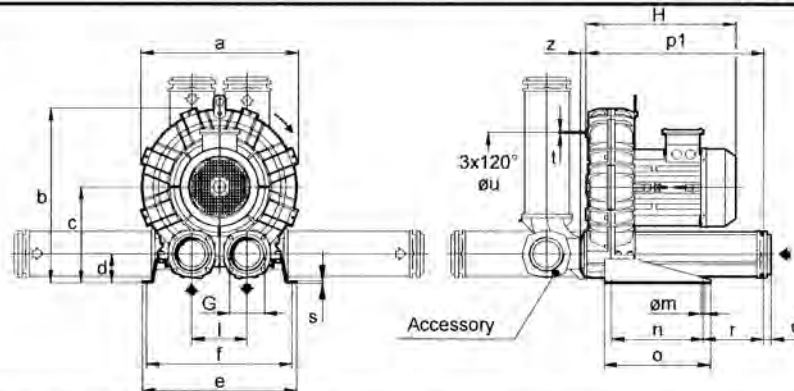
- Aluminium alloy construction
- Smooth operation
- High efficiency impeller
- Maintenance free
- Mountable in any position

OPTIONS

- Special voltages (IEC 38)
- Surface treatments

Possible alternative positions,
please refer to drw SI 1818

Dimensions in mm.
Dimensions for reference only.



Model	a	b	c	d	e	f	G	l	m	n	o	p1	q	r	s	t	u	z
K07/K75-MS	424	481	269	82	468	438	G 3"	155	13	300	350	512	25	137	5	M8	295	16
K08-MS	457	498	269	82	478	448	G 3"	155	13	300	350	512	25	137	5	M8	310	16
K09-MS	492	561	315	96	508	478	G 4"	182	13	300	350	586	25	199	5	M8	360	16
K10-MS	516	573	315	96	508	478	G 4"	182	13	300	350	586	25	199	5	M8	360	16
K11-MS	542	603	332	91	540	508	G 4"	200	13	300	350	596	25	204	5	M8	390	16
K12-MS	548	605	332	91	540	508	G 4"	200	13	300	350	599	25	204	5	M8	390	13

Model	Maximum flow m ³ /h		Installed power kW		Maximum differential pressure Δp hPa (mbar)		Noise level Lp dB (A) (1)		Overall dimensions H mm	Weight Kg		
	50 Hz 2900 rpm	60 Hz 3500 rpm	50 Hz 2900 rpm	60 Hz 3500 rpm	50 Hz 2900 rpm	60 Hz 3500 rpm	50 Hz 2900 rpm	60 Hz 3500 rpm				
K07-MS	414	500	2.2	2.55	130	100	76.4	78.4	410	46.5		
			3.0	3.45	200	175	76.7	78.7			410	47.5
			4.0	4.6	280	250	77.0	79.0				
			5.5	6.3	400	375	77.3	79.3			445	61.5
K75-MS	477	576	4.0	4.6	150	100	77.4	79.4	410	51.5		
			5.5	6.3	250	200	77.7	79.7			445	62.0
			7.5	8.7	325	300	78.0	80.0				
K08-MS	536	647	3.0	3.45	125	100	77.4	79.4	410	49.0		
			4.0	4.6	180	150	77.7	79.7			410	52.5
			5.5	6.3	275	250	78.0	80.0				
			7.5	8.7	400	375	78.3	80.3			445	68.0
K09-MS	663	800	4.0	4.6	130	85	78.0	80.0	420	62.0		
			5.5	6.3	210	150	78.2	80.2			455	72.5
			7.5	8.7	290	250	78.5	80.5				
			9.2	10.6	350	325	78.7	80.7			490	87.0
			11	12.7	450	400	79.0	81.0				
K10-MS	782	944	5.5	6.3	160	115	78.1	80.1	455	75.0		
			7.5	8.7	250	200	78.5	80.5			455	80.0
			9.2	10.6	300	270	79.0	81.0				
			11	12.7	400	375	79.4	81.4			490	90.0
			15	17.4	500	500	79.6	81.6				
K11-MS	915	1105	7.5	8.7	175	130	80.0	82.0	460	83.5		
			9.2	10.6	230	175	80.1	82.1			495	93.0
			11	12.7	300	250	80.4	82.4				
			15	17.4	400	350	80.7	82.7			495	98.5
			18.5	21.5	500	500	83.6	85.6				
K12-MS	1022	1234	9.2	10.6	150	100	80.6	82.6	498	96.5		
			11.0	12.7	200	150	80.9	82.9			498	97.0
			15.0	17.4	300	275	81.2	83.2				
			18.5	21.5	425	375	84.1	86.1			593	132.0

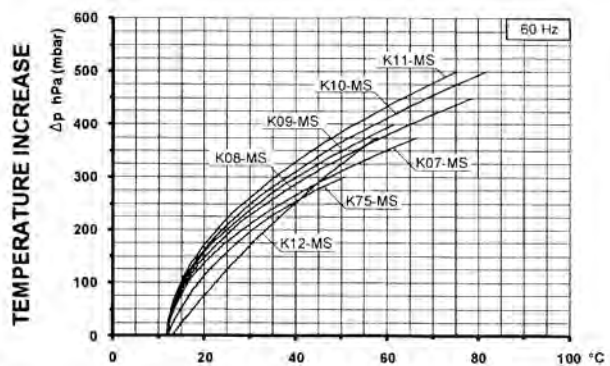
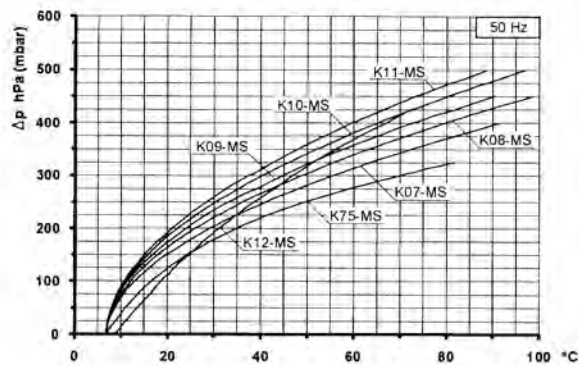
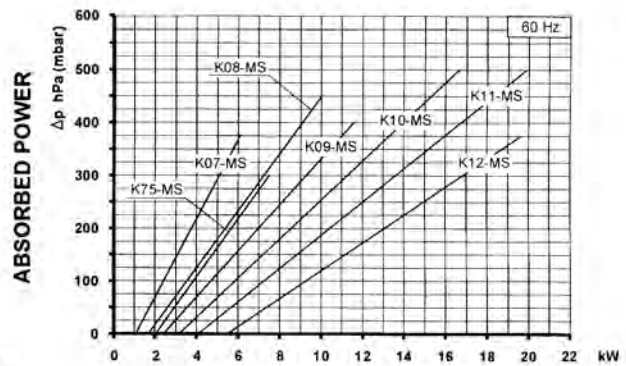
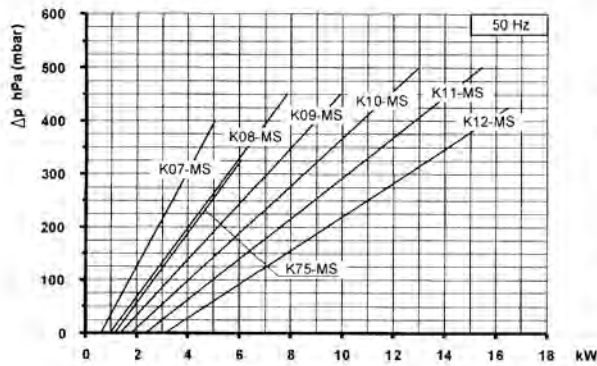
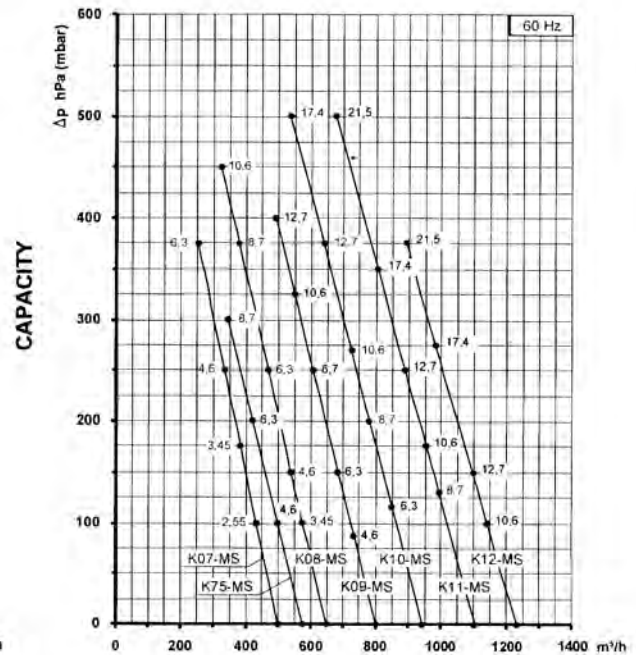
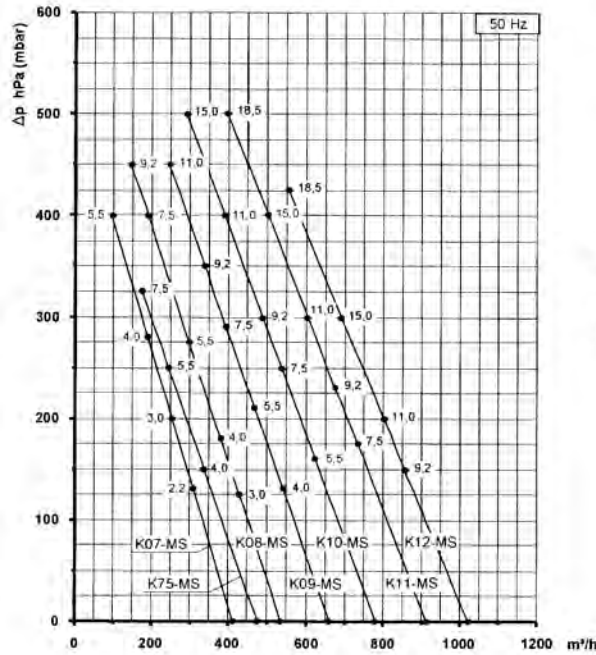
(1) Noise measured at 1 m distance with inlet and outlet ports piped, in accordance to ISO 3744.

- For proper use, the blower should be equipped with inlet filter and safety valve; other accessories available on request.
- Ambient temperature from -15° to +40°C.
- Specifications subject to change without notice.

LATERAL CHANNEL BLOWERS - COMPRESSORS SCL K07 / K75 / K08 / K09 / K10 / K11 / K12

MS SERIES - MOR RANGE

SN 1801-9 2/2



Curves refer to air at 20°C temperature and 1013 mbar (abs) atmospheric pressure measured at inlet port.
Tolerance on given values: ± 10%.
Data can change without prior notice.

ORLANDO srl



LATERAL CHANNEL BLOWERS - COMPRESSORS
SCL K03 / K04 / K05 / K06
TS SERIES - MOR RANGE
 SN 1917-4 1/2

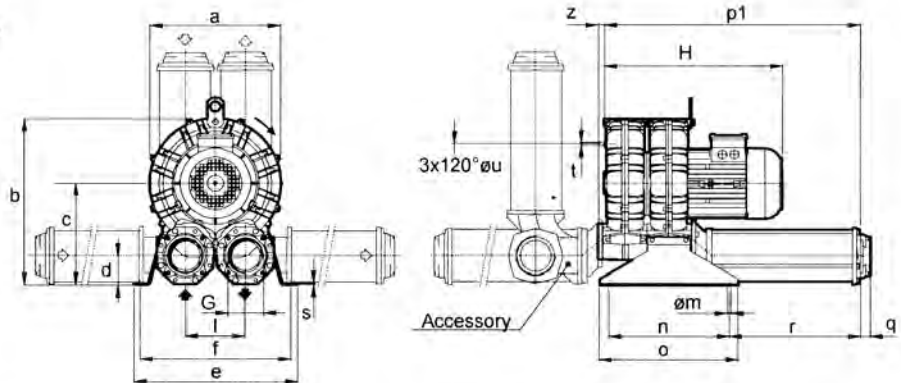
TECHNICAL CHARACTERISTICS

- Aluminium alloy construction
- Smooth operation
- High efficiency impeller
- Maintenance free
- Mountable in any position

OPTIONS

- Special voltages (IEC 38)
- Surface treatments

Possible alternative positions,
 please refer to drw SI 1854



Dimensions in mm.
 Dimensions for reference only

Model	a	b	c	d	e	f	G	I	m	n	o	p1	q	r	s	t	u	z
K03-TS	241	268	147	43	230	205	G 1" ¼	86	10	83	142	280	18	75	4	M6	140	12
K04-TS	285	315	172	49	255	225	G 1" ½	102	12	95	171	315	18	70	4	M6	175	18
K05-TS	327	422	258	77	404	374	G 3"	150	13	300	345	634	25	328	4	M8	200	19
K06-TS	376	450	262	75	404	374	G 3"	155	13	300	345	662	25	335	4	M8	240	19

Model	Maximum flow m³/h		Installed power kW		Maximum differential pressure Δp hPa (mbar)		Noise level Lp dB (A) (1)		Overall dimensions H mm	Weight Kg
	50 Hz 2900 rpm	60 Hz 3500 rpm	50 Hz 2900 rpm	60 Hz 3500 rpm	50 Hz 2900 rpm	60 Hz 3500 rpm	50 Hz 2900 rpm	60 Hz 3500 rpm		
	K03-TS	131	158	0.75	0.9	100	90	67.5	69.5	375
			1.1	1.3	150	150	69.0	71.0	375	18.7
K04-TS	183	220	1.5	1.75	120	90	71.0	73.0	404	25.5
			2.2	2.55	200	160	72.5	74.5	404	28.5
K05-TS	409	493	2.2	2.55	115	90	70.0	72.0	440	40.5
			3.0	3.45	175	140	71.5	73.5	485	44.5
			4.0	4.6	250	210	73.5	75.5	485	48.0
K06-TS	563	679	4.0	4.6	130	100	75.2	77.2	490	56.0
			5.5	6.3	200	175	75.5	77.5	580	66.5
			7.5	8.7	300	275	75.8	77.8	580	71.5

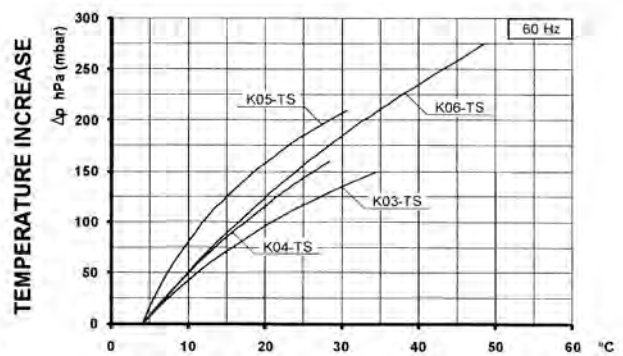
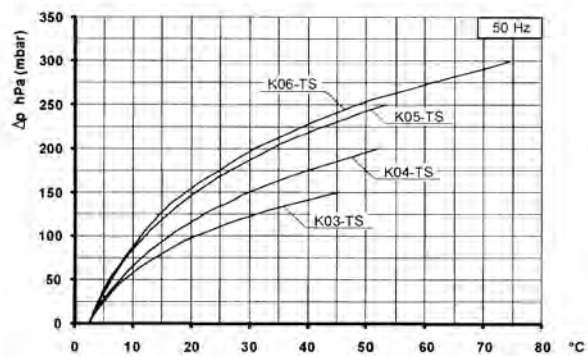
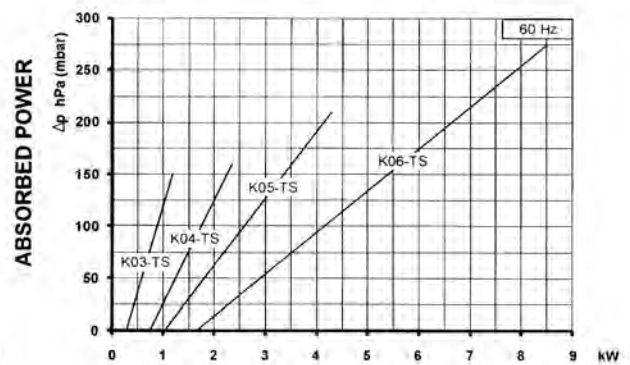
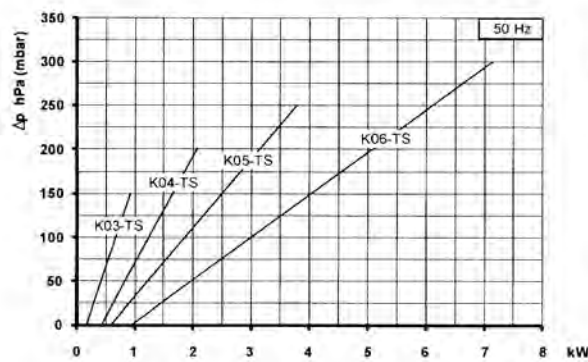
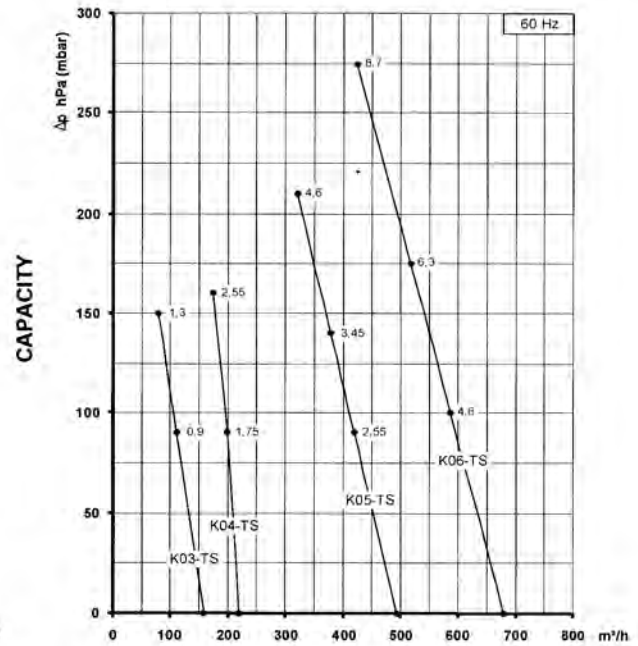
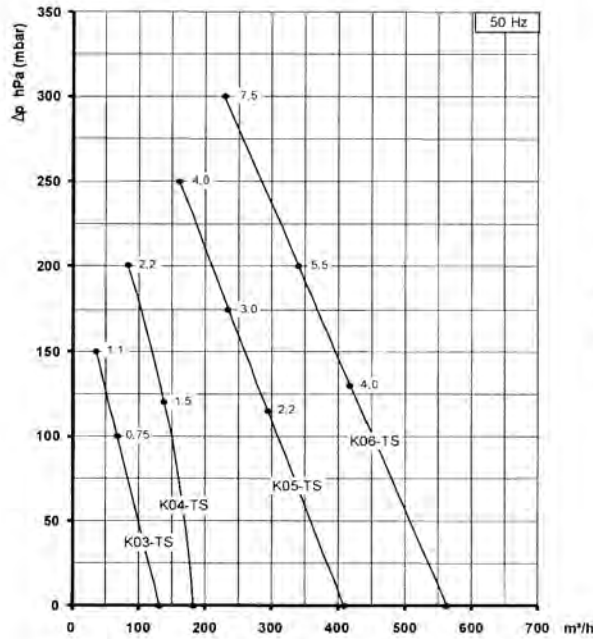
(1) Noise measured at 1 m distance with inlet and outlet ports piped, in accordance to ISO 3744.

- For proper use, the blower should be equipped with inlet filter and safety valve; other accessories available on request.
- Ambient temperature from -15° to +40°C.
- Specifications subject to change without notice.

LATERAL CHANNEL BLOWERS - COMPRESSORS SCL K03 / K04 / K05 / K06

TS SERIES - MOR RANGE

SN 1917-4 2/2



Curves refer to air at 20°C temperature and 1013 mbar (abs) atmospheric pressure measured at inlet port.
Values for flow, power consumption and temperature rise: +/- 10% tolerance.
Data subject to change without notice.



LATERAL CHANNEL BLOWERS - COMPRESSORS SCL K07 / K08 / K09 / K10 / K11

TS SERIES - MOR RANGE

SN 1819-9 1/2

TECHNICAL CHARACTERISTICS

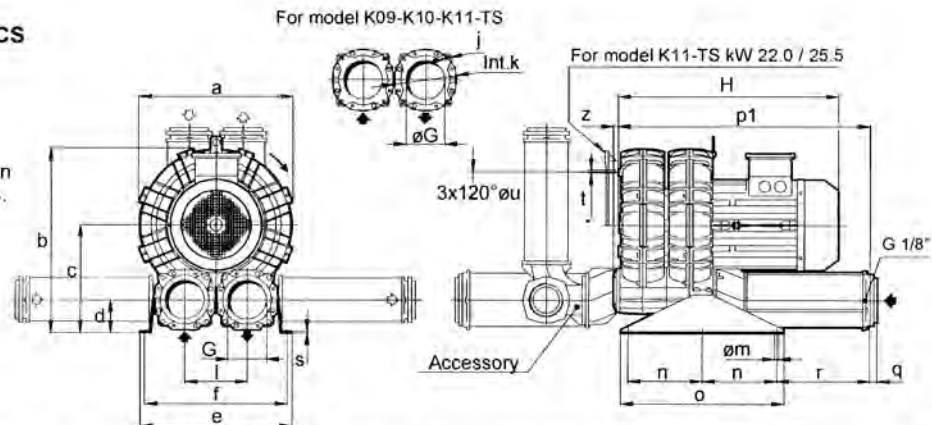
- Aluminium alloy construction
- Smooth operation
- High efficiency impeller
- Maintenance free
- Mountable in any position
- G1/8" female thread on both suction and discharge silencer port flanges.

OPTIONS

- Special voltages (IEC 38)
- Surface treatments

Possible alternative positions, please refer to drw SI 1822

Dimensions in mm.
Dimensions for reference only



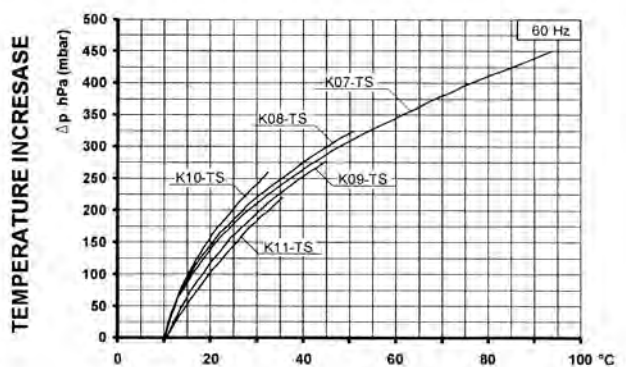
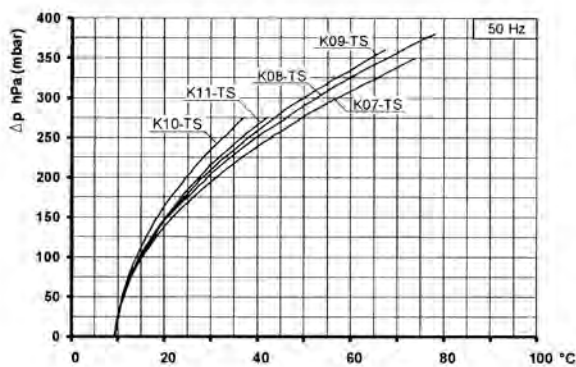
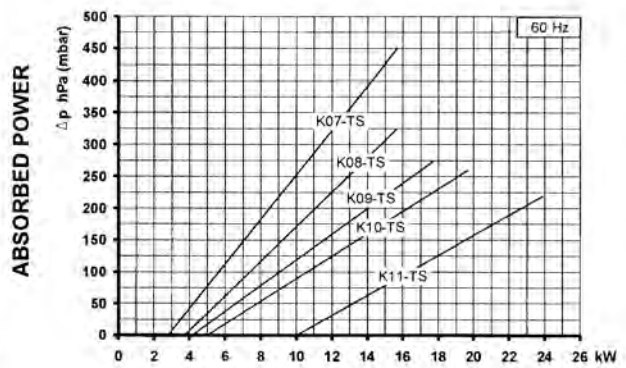
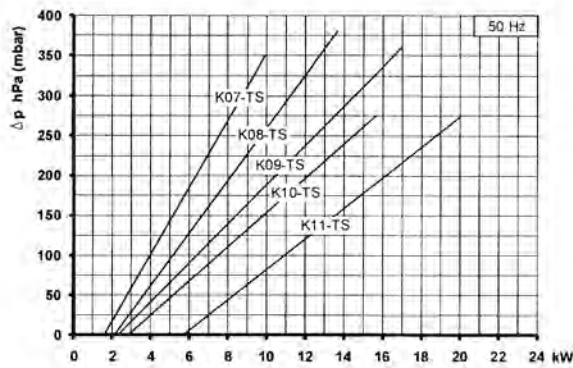
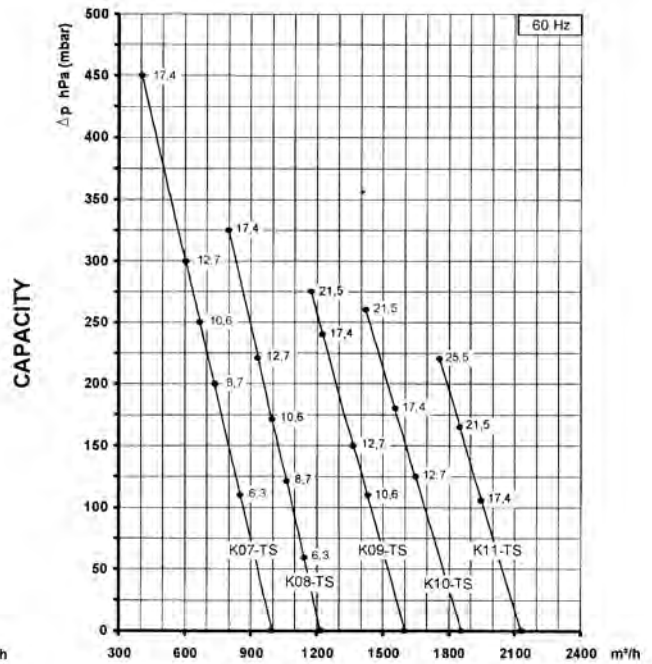
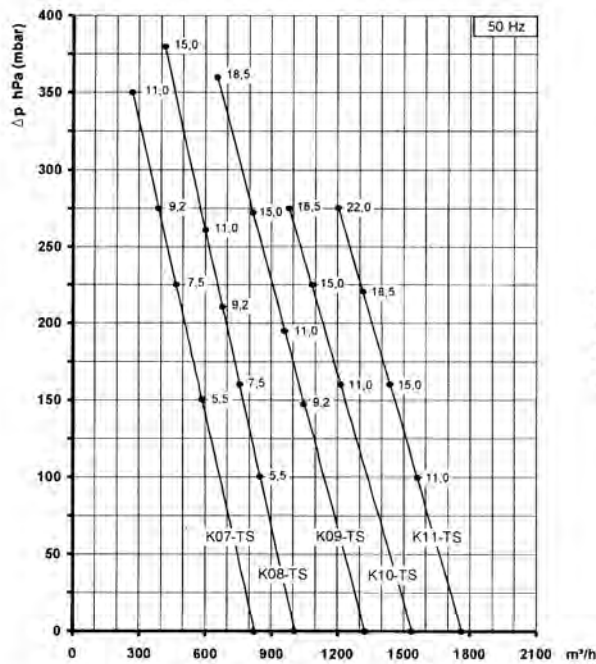
Model	a	b	c	d	e	f	G	l	j	k	m	n	o	p1	q	r	s	t	u	z
K07-TS	424	531	319	98	468	438	G 4"	182	-	-	13	250	550	802	25	299	5	M8	295	16
K08-TS	457	548	319	98	478	448	G 4"	182	-	-	13	250	550	802	25	299	5	M8	310	16
K09-TS	492	610	365	112	508	478	130	210	M16	210	13	250	550	850	-	315	5	M8	360	16
K10-TS	516	623	365	112	508	478	130	210	M16	210	13	250	550	850	-	315	5	M8	360	16
K11-TS	542	650	380	106	540	510	130	228	M16	210	13	250	550	870	-	320	5	M8	390	16

Model	Maximum flow m ³ /h		Installed power kW		Maximum differential pressure Δp hPa (mbar)		Noise level Lp dB (A) (1)		Overall dimensions H mm	Weight Kg
	50 Hz 2900 rpm	60 Hz 3500 rpm	50 Hz 2900 rpm	60 Hz 3500 rpm	50 Hz 2900 rpm	60 Hz 3500 rpm	50 Hz 2900 rpm	60 Hz 3500 rpm		
	K07-TS	827	998	5.5	6.3	150	110	81.9		
K08-TS	1007	1215	7.5	8.7	225	200	82.2	84.2	620	93.0
			9.2	10.6	275	250	82.5	84.5	620	102.5
			11.0	12.7	350	300	82.8	84.8	620	103.5
			-	17.4	-	450	-	85.1	620	109.5
			5.5	6.3	100	60	78.8	80.8	585	91.5
K09-TS	1325	1600	7.5	8.7	160	120	78.9	80.9	620	96.5
			9.2	10.6	210	170	80.1	82.1	620	106.0
			11.0	12.7	260	220	81.3	83.3	620	107.0
			15.0	17.4	380	325	82.5	84.5	620	113.0
			9.2	10.6	145	110	79.0	81.0	650	116.0
K10-TS	1539	1858	11.0	12.7	190	150	81.0	83.0	650	117.0
			15.0	17.4	270	240	83.0	85.0	650	128.0
			18.5	21.5	360	275	85.0	87.0	745	158.0
K11-TS	1765	2130	11.0	12.7	160	125	85.8	87.8	650	122.0
			15.0	17.4	225	180	86.1	88.1	650	133.0
			18.5	21.5	275	260	86.4	88.4	745	163.0
			11.0	-	100	-	86.0	-	665	135.0
K11-TS	1765	2130	15.0	17.4	160	105	86.7	88.7	665	146.0
			18.5	21.5	220	165	87.4	89.4	760	176.0
			22.0 ⁽²⁾	25.5 ⁽²⁾	275	220	88.0	90.0	800	186.5

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

(2) K11-TS kW 22.0 50 Hz / 25.5 60 Hz vertical assembly only.

- For proper use, the blower should be equipped with inlet filter and safety valve; other accessories available on request.
- Ambient temperature from -15° to +40°C.
- Specifications subject to change without notice.



Curves refer to air at 20°C temperature and 1013 mbar (abs) atmospheric pressure measured at inlet port.
 Values for flow, power consumption and temperature rise: +/-10% tolerance.
 Data can change without prior notice.