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LATERAL CHANNEL BLOWERS - COMPRESSORS

SCL K07 / K08 / K09 / K10 / K11 / K12

TD SERIE - MOR RANGE

SN 1827-9 1/2

TECHNICAL CHARACTERISTICS

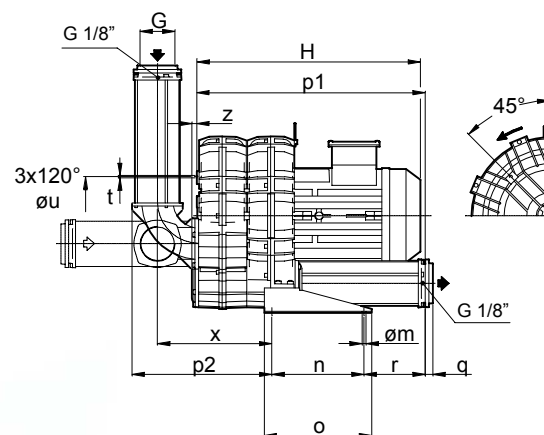
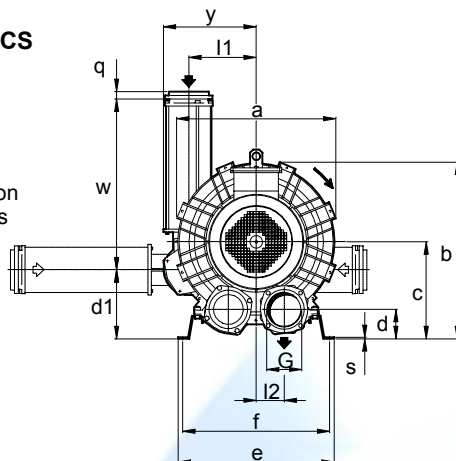
- Aluminium alloy construction
- Smooth operation
- High efficiency impeller
- Maintenance free
- Mountable in any position
- G1/8" female thread on both suction and discharge silencer port flanges

OPTIONS

- Special voltages (IEC 38)
- Surface treatments

Possible alternative positions,
please refer to drw SI 1826

Dimensions in mm.
Dimensions for reference only



Model	a	b	c	d	d1	e	f	G	l1	l2	m	n	o	p1	p2	q	r	s	t	u	w	x	y	z
K07-TD	424	481	269	82	192	468	438	G 3"	187	77.5	13	300	350	649	392	25	137	5	M8	295	481	319	260	16
K08-TD	457	498	269	82	192	478	448	G 3"	187	77.5	13	300	350	649	392	25	137	5	M8	310	481	319	260	16
K09-TD	492	561	315	96	225	508	478	G 4"	220	91	13	300	350	745	455	25	199	5	M8	360	556	372	302	16
K10-TD	516	573	315	96	225	508	478	G 4"	220	91	13	300	350	745	455	25	199	5	M8	360	556	372	302	16
K11-TD	542	602	332	90	232	538	508	G 4"	242	100	13	300	350	765	470	25	204	5	M8	390	556	387	324	16
K12-TD	548	605	332	90	232	538	508	G 4"	242	100	13	300	350	768	470	25	204	5	M8	390	556	387	324	16

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		
K07-TD	417	503	5.5	6.3	325	275	78.9	80.9	585	85.0
			7.5	8.7	475	410	79.2	81.2	620	90.0
			9.2	10.6	575	525	79.5	81.5	620	99.5
			-	12.7	-	650	-	81.8	620	100.5
K08-TD	518	625	5.5	6.3	235	180	78.1	80.1	585	90.5
			7.5	8.7	350	290	78.4	80.4	620	95.5
			9.2	10.6	450	390	78.7	80.7	620	105.0
			11.0	12.7	550	490	79.5	81.5	620	105.5
			15.0	17.4	650	650	80.3	82.3	620	110.5
K09-TD	657	793	9.2	10.6	300	240	80.4	82.4	650	115.5
			11.0	12.7	390	320	80.7	82.7	650	116.0
			15.0	17.4	575	500	81.0	83.0	650	130.0
			18.5	21.5	650	650	81.3	83.3	745	157.0
K10-TD	804	971	11.0	12.7	325	275	84.6	86.6	650	124.0
			15.0	17.4	450	375	84.9	86.9	650	138.0
			18.5	21.5	600	525	85.2	87.2	745	165.0
K11-TD	903	1090	11.0	12.7	235	160	84.9	86.9	665	131.0
			15.0	17.4	375	280	85.4	87.4	665	145.0
			18.5	21.5	475	400	85.9	87.9	760	172.0
K12-TD	1008	1216	15.0	-	250	-	85.7	-	668	144.0
			18.5	21.5	350	275	86.2	88.2	763	171.0
			22.0	25.5	475	375	86.7	88.7	803	181.5

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

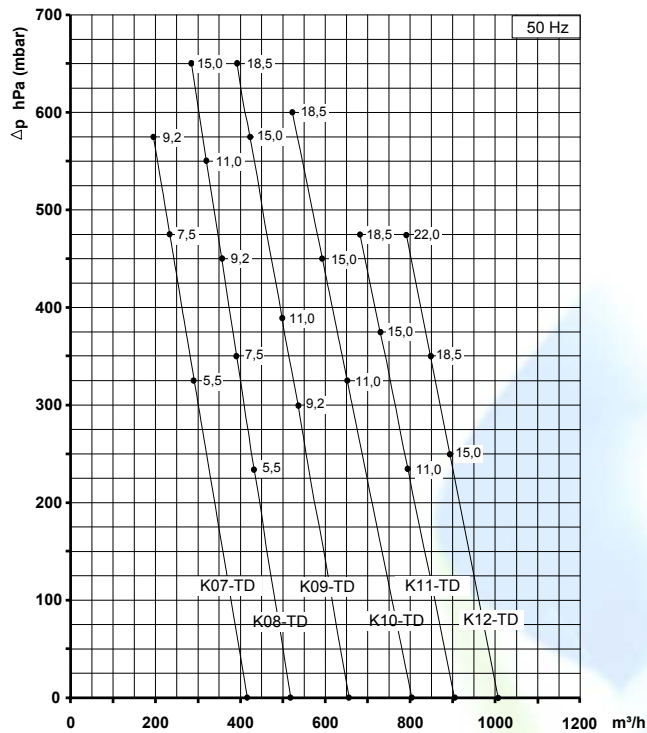
- For proper use, the blower should be equipped with inlet filter and safety valve; other accessories available on request.
- Ambient temperature from -15° to +40°C.
- Specifications subject to change without notice.



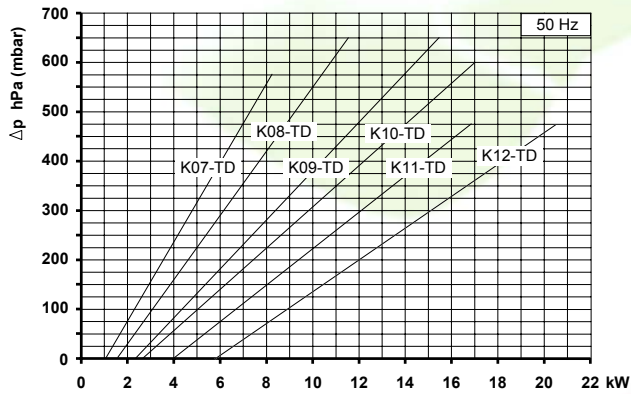
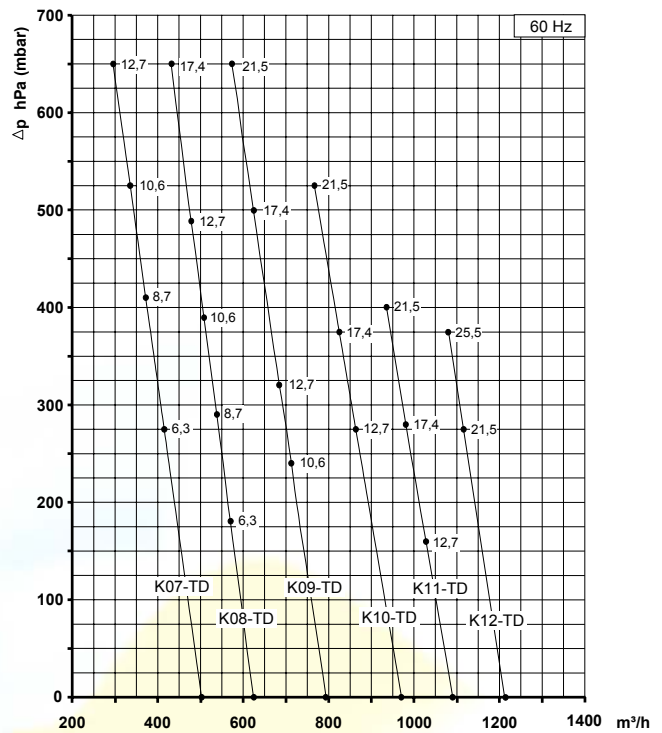
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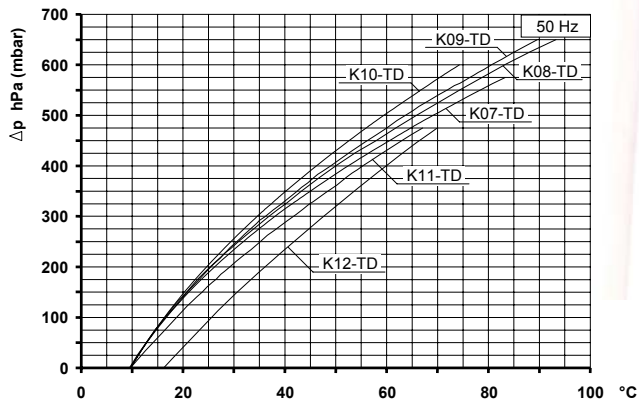
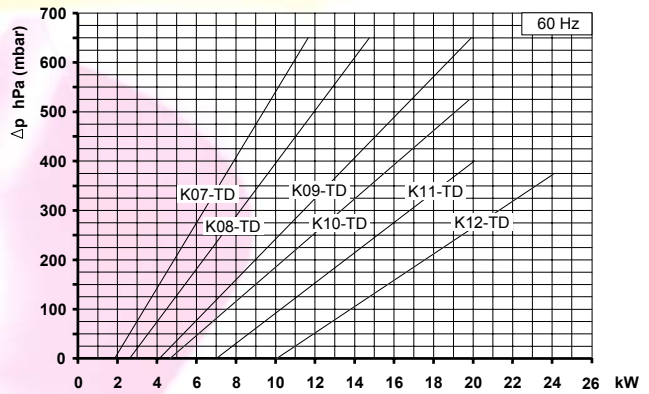
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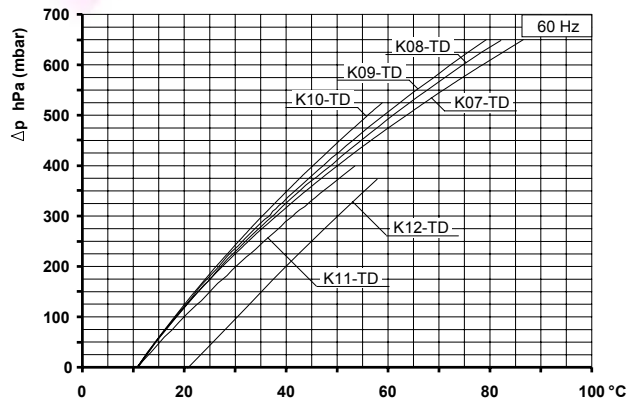
CAPACITY



ABSORBED POWER



TEMPERATURE INCREASE



Curves refer to air at 20°C temperature and 1013 mbar (abs) atmospheric pressure measured at inlet port.

Tolerance on given values: $\pm 10\%$.

Data can change without prior notice.