

SERIES K-TD MOR



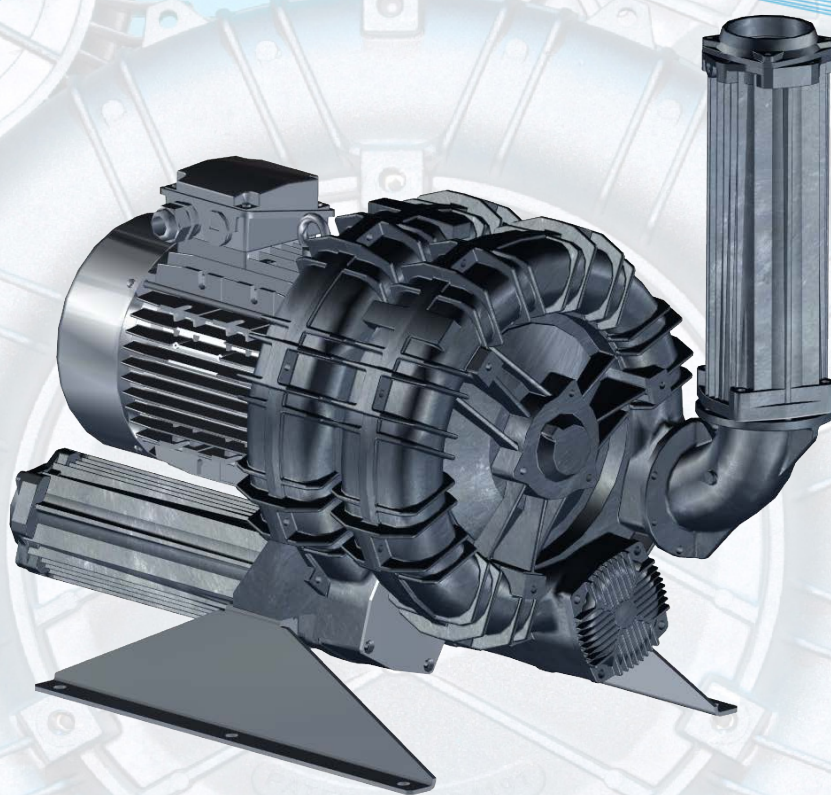
IE2 VERSION

TECHNICAL CHARACTERISTICS

- Aluminium alloy construction
- High efficiency impeller

OPTIONS

- Special Voltages (IEC 60038)
- Surface treatments
- Increased seal version



Data sheet

LATERAL CHANNEL BLOWER-EXHAUSTER



COMPANY WITH QUALITY MANAGEMENT
SYSTEM CERTIFIED BY DNV
= ISO 9001:2008 =



PRESSURE

Model	N 2900 rpm [kW]	N 3500 rpm [kW]	Q max 2900 rpm [m³/h]	Q max 3500 rpm [m³/h]	ΔP max 2900 rpm [hPa](mbar)	ΔP max 3500 rpm [hPa](mbar)	Leq¹ 2900 rpm (Lp)[dB(A)]	Leq¹ 3500 rpm (Lp)[dB(A)]	Weight² max [kg]
K04-TD	1,5	1,7	140	169	250	215	69	71	31
	2,2	2,5	140	169	400	350	70	72	33,5
K05-TD	3	3,4	215	260	350	300	72,5	74,5	45,5
	4	4,6	215	260	475	425	74	76	51,5
K06-TD	4	4,6	312	377	275	225	73	75	57,5
	5,5	6,3	312	377	425	350	74	76	61,5
	7,5	8,6	312	377	550	525	75	77	75
K07-TD	5,5	6,3	417	503	325	275	78,9	80,9	95
	7,5	8,6	417	503	475	410	79,2	81,2	103,5
K08-TD	7,5	8,6	518	625	350	290	78,4	80,4	109
	9,2	10,6	518	625	450	390	78,7	80,7	112
K09-TD	11	12,6	657	793	390	320	80,7	82,7	150,5
	15	17,2	657	793	575	500	81	83	178
	18,5	21,2	657	793	650	650	81,3	83,3	179
K10-TD	11	12,6	804	971	325	275	84,6	86,6	158,8
	15	17,2	804	971	450	375	84,9	86,9	186
	18,5	21,2	804	971	600	525	85,2	87,2	187
K11-TD	15	17,2	903	1090	375	280	85,4	87,4	193
	18,5	21,2	903	1090	475	400	85,9	87,9	194

VACUUM

Model	N 2900 rpm [kW]	N 3500 rpm [kW]	Q max 2900 rpm [m³/h]	Q max 3500 rpm [m³/h]	ΔP max 2900 rpm [hPa] (mbar)	ΔP max 3500 rpm [hPa] (mbar)	Leq¹ 2900 rpm (Lp) [dB(A)]	Leq¹ 3500 rpm (Lp) [dB(A)]	Weight² max [kg]
K04-TD	1,5	1,7	140	169	250	215	68,6	70,6	31
	2,2	2,5	140	169	275	300	69,6	71,6	33,5
K05-TD	3	3,4	215	260	350	300	72,1	74,1	45,5
	4	4,6	215	260	400	400	73,6	75,6	51,5
K06-TD	4	4,6	312	377	275	225	72,6	74,6	57,5
	5,5	6,3	312	377	400	350	73,6	75,6	61,5
	7,5	8,6	312	377	-	400	-	76,6	75
K07-TD	5,5	6,3	417	503	325	275	76,6	78,6	95
	7,5	8,6	417	503	400	385	76,9	78,9	103,5
K08-TD	7,5	8,6	518	625	350	290	77,3	79,3	109
	9,2	10,6	518	625	425	365	77,6	79,6	112
K09-TD	11	12,6	657	793	390	320	80,2	82,2	150,5
	15	17,2	657	793	450	475	80,5	82,5	178
	18,5	21,2	657	793	-	-	-	-	179
K10-TD	11	12,6	804	971	325	275	83,9	85,9	158,8
	15	17,2	804	971	450	375	84,2	86,2	186
	18,5	21,2	804	971	475	475	84,5	86,5	187
K11-TD	15	17,2	903	1090	375	280	84,7	87,2	193
	18,5	21,2	903	1090	450	400	85,2	87,2	194



ELECTRIC MOTORS IE2: 3phase motor only, starting from 0,75KW

INSTALLATION

- For proper use, the blower should be equipped with inlet FILTER and Flow Relief VALVE; other accessories available on request.
- 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 1 m 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.

N: Installed motor power

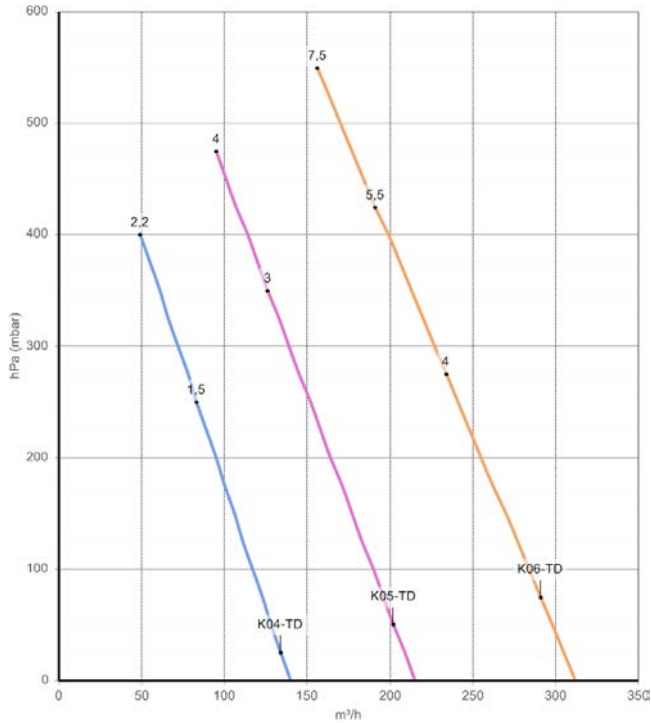
Q: Flow rate

P: Differential pressure

Leq: Noise

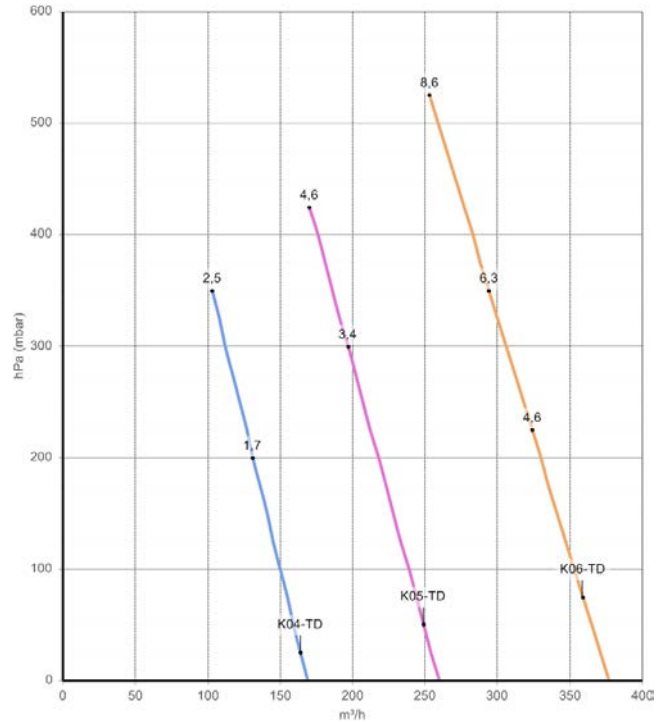
PRESSURE

2900 rpm (50 Hz)

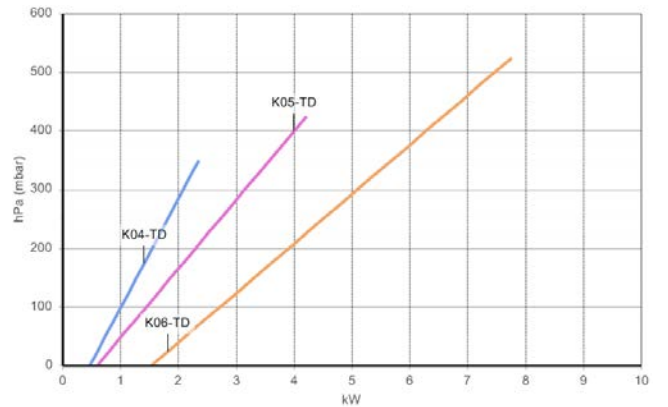
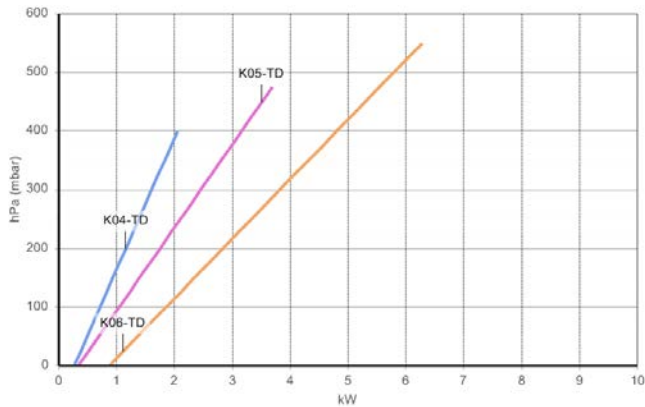


FLOW RATE

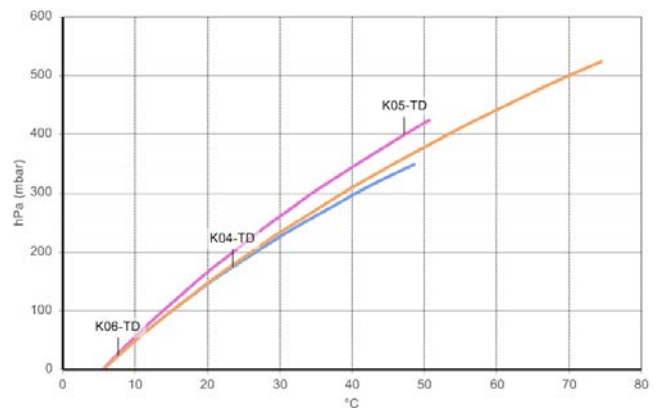
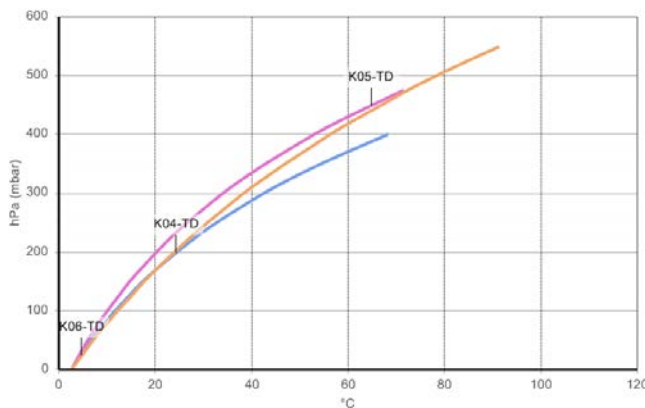
3500 rpm (60 Hz)



ABSORBED POWER

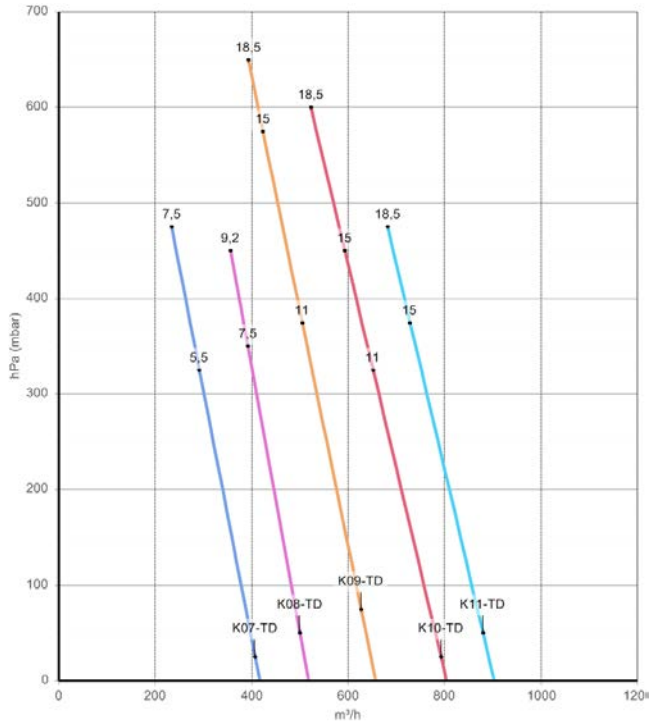


TEMPERATURE INCREASE



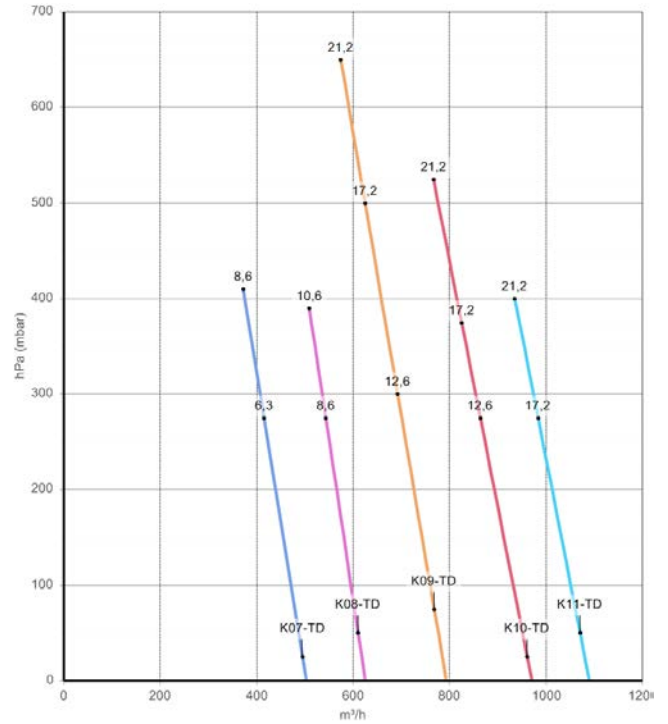
PRESSURE

2900 rpm (50 Hz)

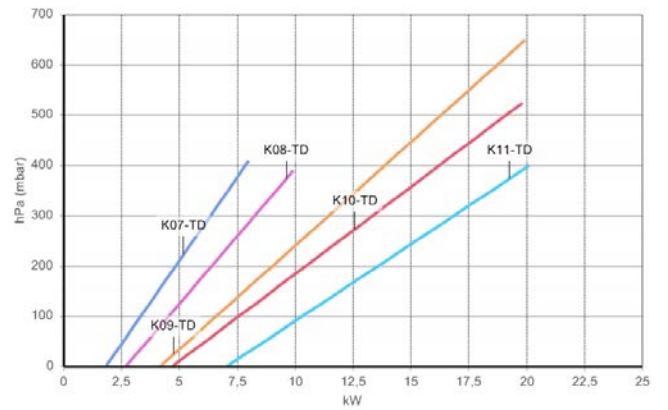
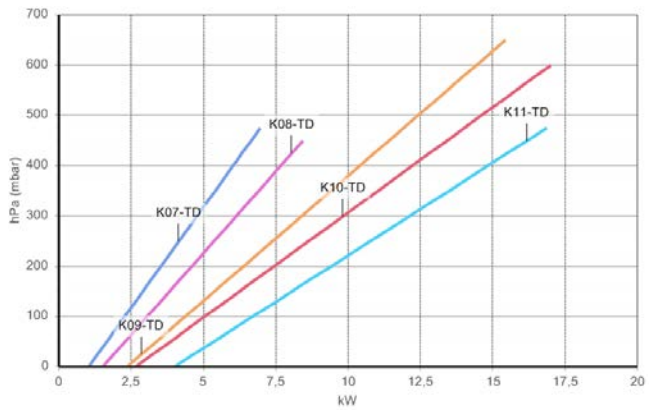


FLOW RATE

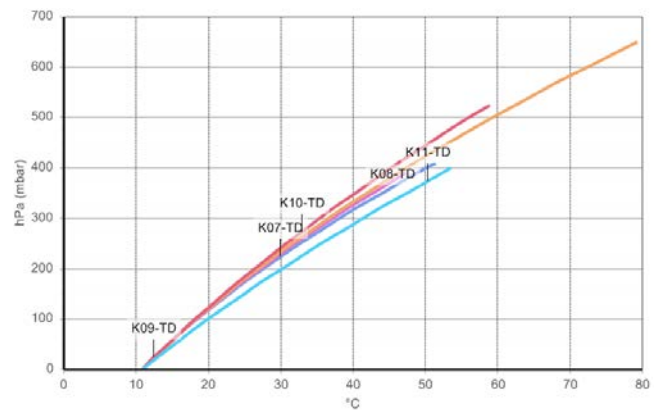
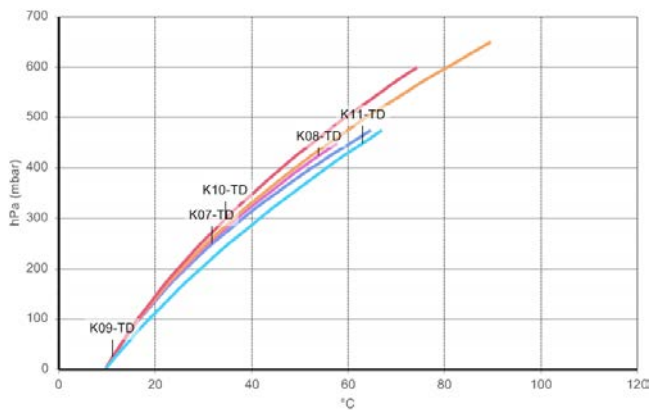
3500 rpm (60 Hz)



ABSORBED POWER

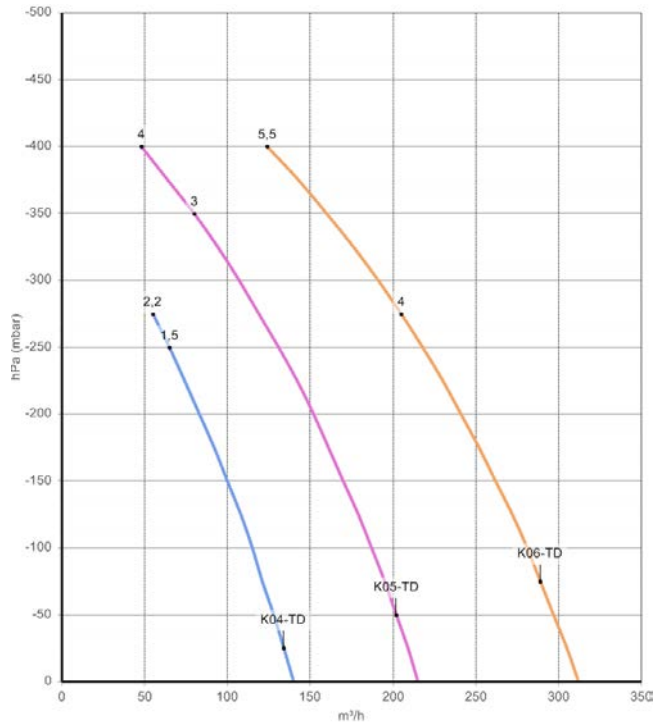


TEMPERATURE INCREASE

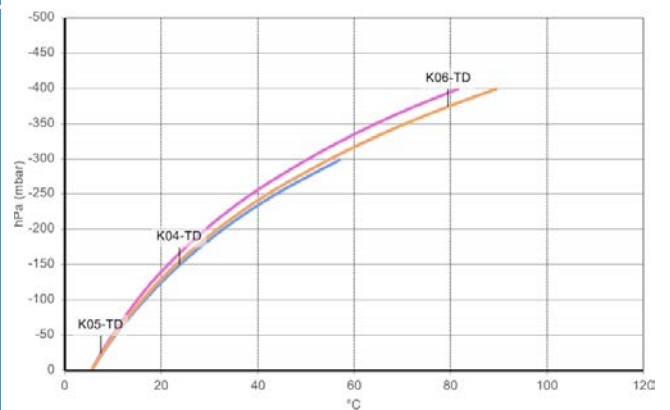
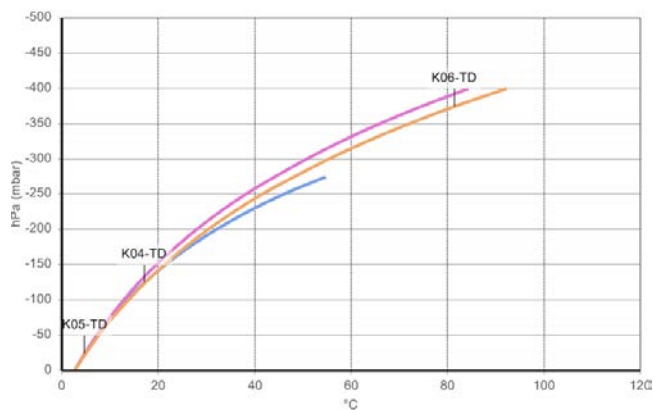
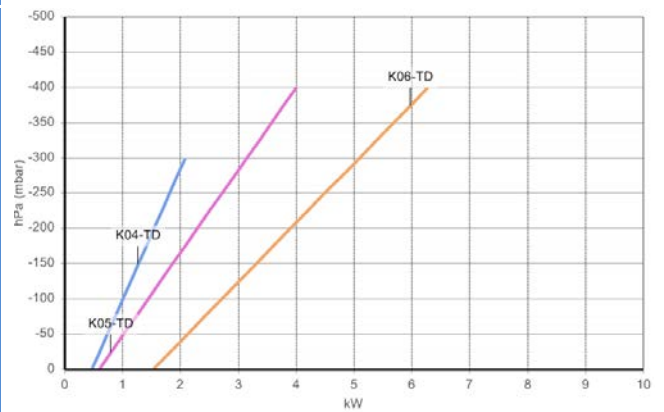
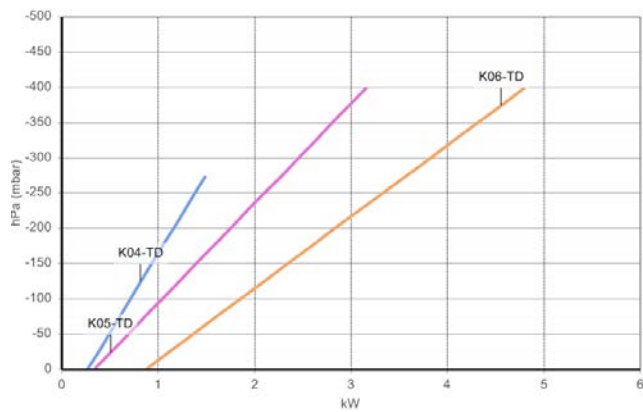
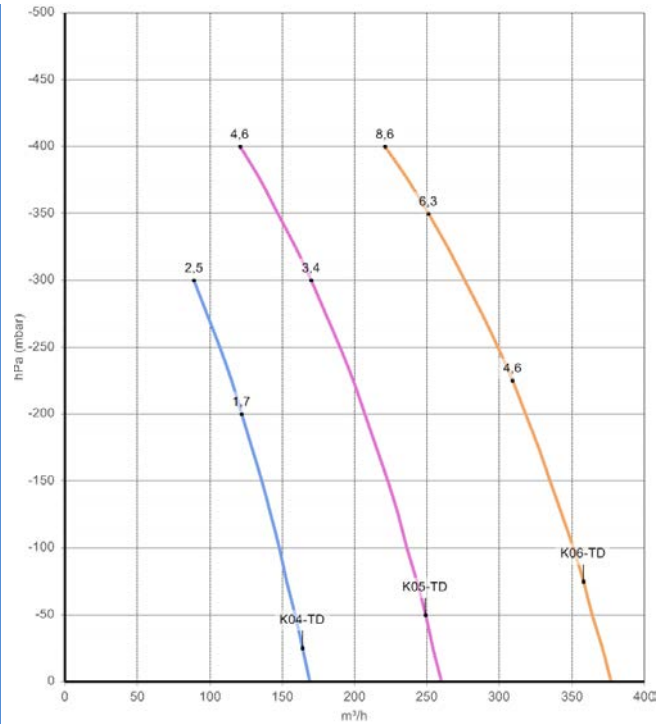


VACUUM

2900 rpm (50 Hz)

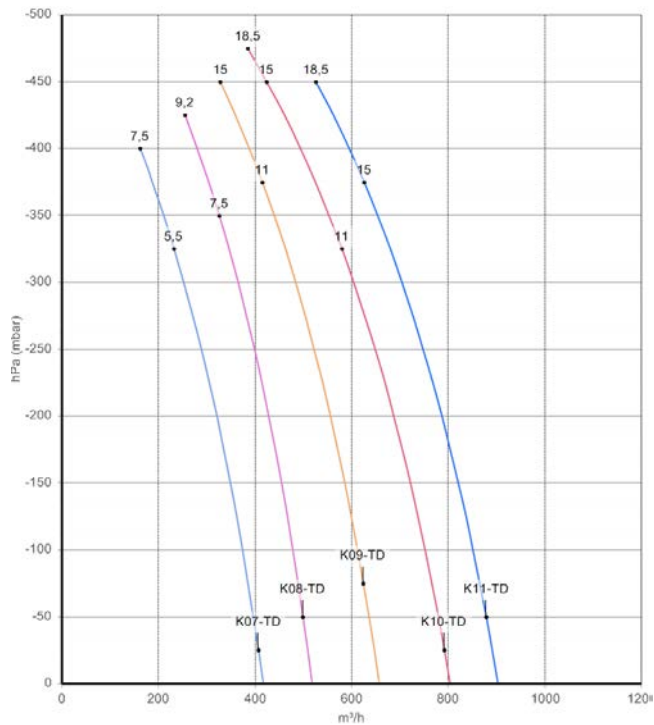


3500 rpm (60 Hz)

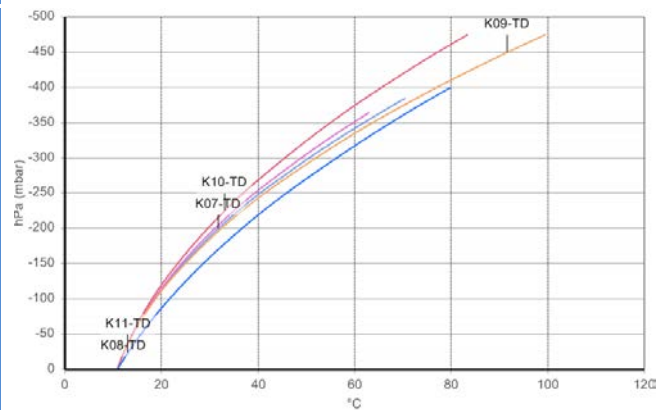
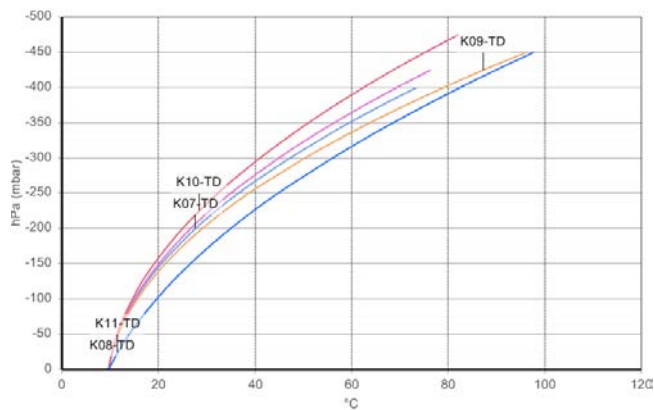
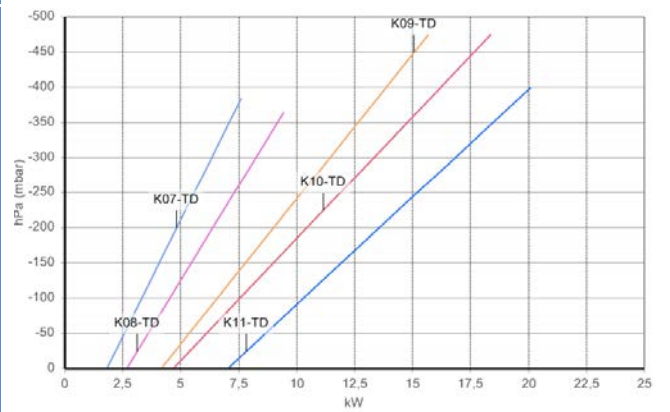
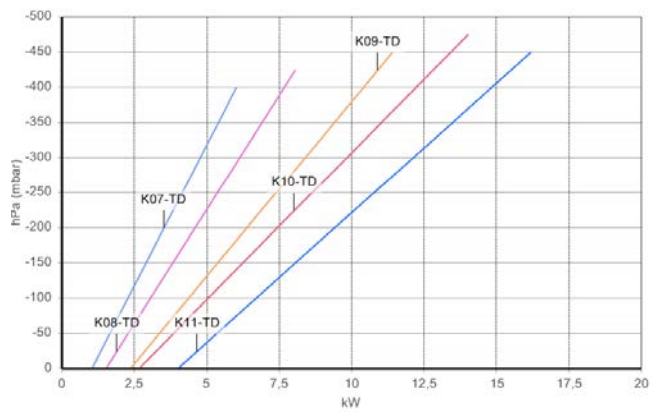
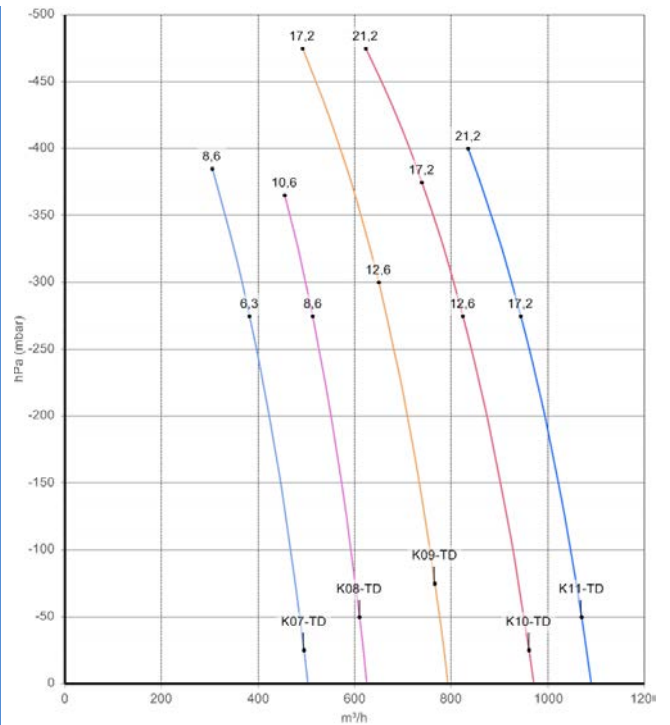


VACUUM

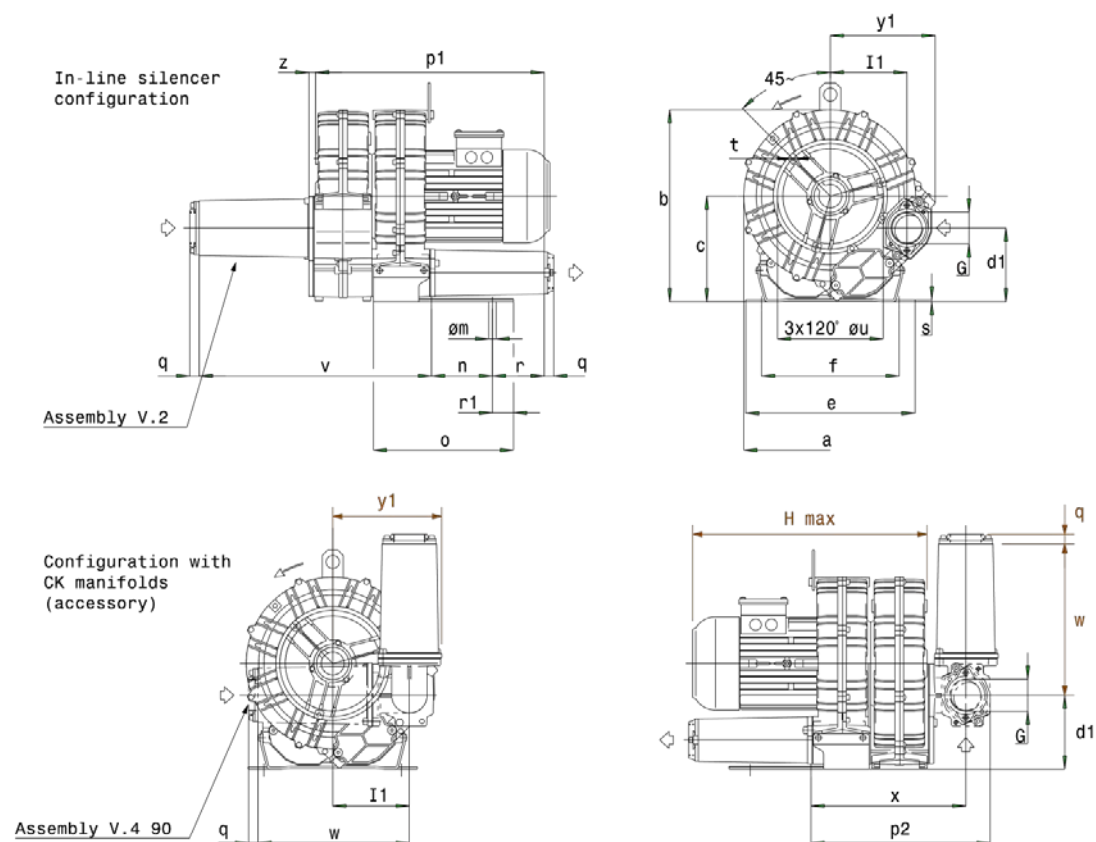
2900 rpm (50 Hz)



3500 rpm (60 Hz)



DIMENSIONS (K04-TD/K05-TD/K06-TD)



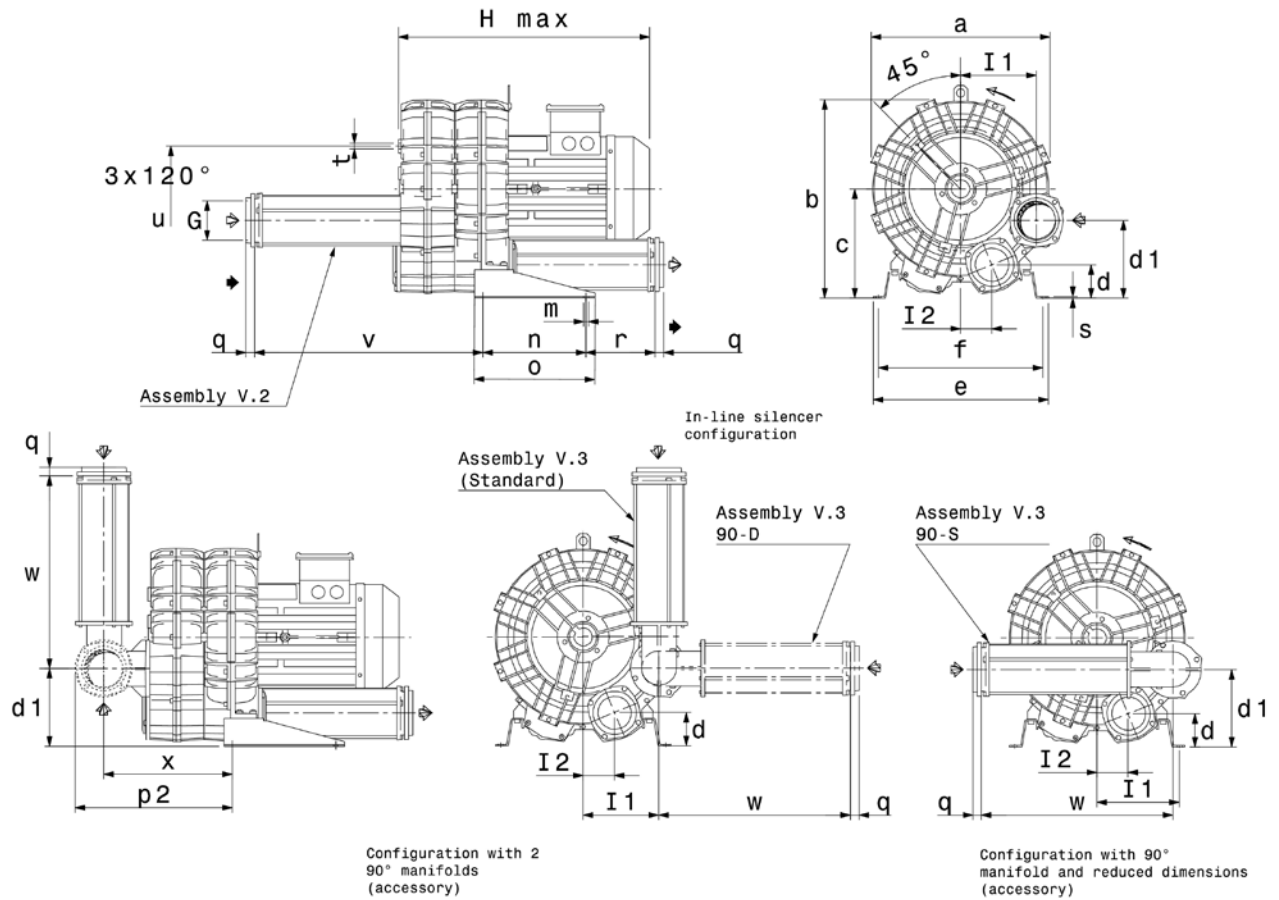
Dimensions in mm - FOR REFERENCE ONLY

Model	a	b	c	d	d1	e	f	G	H
K04-TD	285	315	172	49	121	255	225	G 1" 1/2	405
K05-TD	327	365	200	54	140	320	260	G 2"	495
K06-TD	376	420	232	59	170	325	290	G 2"	580

Model	i1	i2	m	n	o	p1	p2	q	r
K04-TD	123	51	12	95	171	316	254	18	70
K05-TD	145	60	15	115	265	428	340	18	98
K06-TD	151	73	15	140	265	506	354	18	136

Model	r1	s	t	u	v	w	x	y	y1	z
K04-TD	15	4	M6	175	288	188	214	173	166	18
K05-TD	40	4	M8	200	440	286	293	206	200	19
K06-TD	19	4	M8	240	455	286	308	210	205	19

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

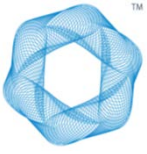


Dimensions in mm - FOR REFERENCE ONLY

Model	a	b	c	d	d1	e	f	G	H
K07-TD	424	481	269	82	192	468	438	G 3"	610
K08-TD	457	498	269	82	192	478	448	G 3"	625
K09-TD	492	561	315	96	225	508	478	G 4"	760
K10-TD	516	573	315	96	225	508	478	G 4"	760
K11-TD	542	602	332	90	232	538	508	G 4"	775

Model	i1	i2	m	n	o	p1	p2	q	r
K07-TD	187	77.5	13	300	350	649	392	25	137
K08-TD	187	77.5	13	300	350	649	392	25	137
K09-TD	220	91	13	300	350	745	455	25	199
K10-TD	220	91	13	300	350	745	455	25	199
K11-TD	242	100	13	300	350	765	470	25	204

Model	s	t	u	v	w	x	y	z
K07-TD	5	M8	295	581	481	319	260	16
K08-TD	5	M8	310	581	481	319	260	16
K09-TD	5	M8	360	663	556	372	302	16
K10-TD	5	M8	360	663	556	372	302	16
K11-TD	5	M8	390	678	556	387	324	16



FPZ
BLOWER TECHNOLOGY

