

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

SN1805-18B 1/2

TECHNICAL CHARACTERISTICS

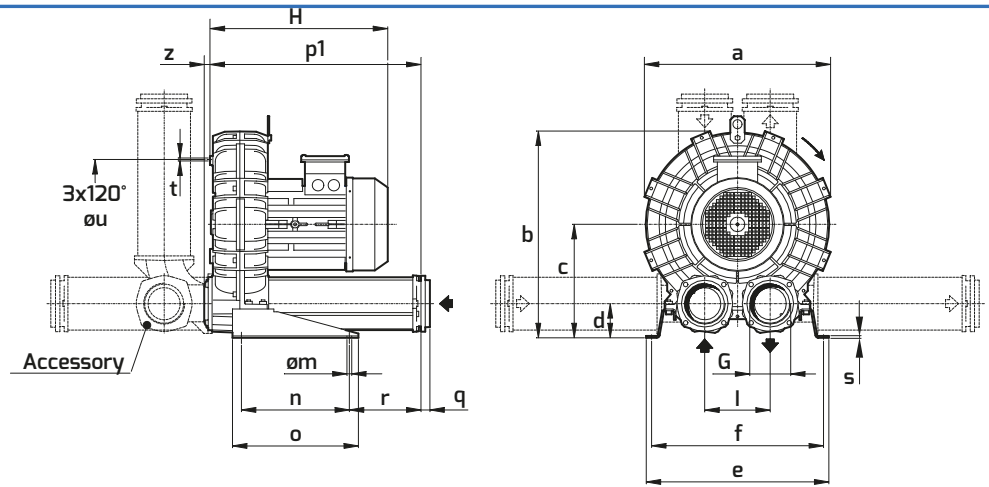
- Aluminium alloy construction
- Smooth operation
- High efficiency impeller
- Maintenance free
- Mountable in any position
- Recognized TEFC - cURus motor

OPTIONS

- Special voltages (IEC 38)
- Surface treatments

ACCESSORIES

- Inlet and/or inline filters
- Additional inlet/outlet silencers
- Safety valves
- Flow converting device
- Optional connectors



Dimensions in inches.
Dimension for reference only.

Model	a	b	c	d	e	f	G	l	m	n	o	p1	q	r	s	t	u	z
K07-MS	16.69	18.84	10.59	3.23	18.43	17.24	3" NPT	6.10	0.51	11.81	13.78	20.16	0.98	5.39	0.20	M8	11.61	0.63
K08-MS	17.99	19.61	10.59	3.23	18.82	17.64	3" NPT	6.10	0.51	11.81	13.78	20.16	0.98	5.39	0.20	M8	12.2	0.63
K09-MS	19.37	22.09	12.40	3.78	20.00	18.82	4" NPT	7.17	0.51	11.81	13.78	23.07	0.98	7.83	0.20	M8	14.17	0.63
K10-MS	20.31	22.56	12.40	3.78	20.00	18.82	4" NPT	7.17	0.51	11.81	13.78	23.07	0.98	7.83	0.20	M8	14.17	0.63
K11-MS	21.34	23.74	13.07	3.58	21.26	20.00	4" NPT	7.87	0.51	11.81	13.78	23.46	0.98	8.03	0.20	M8	15.35	0.63
K12-MS	21.57	23.82	13.07	3.58	21.26	20.00	4" NPT	7.87	0.51	11.81	13.78	23.58	0.98	8.03	0.20	M8	15.35	0.51

Model	Maximum flow Scfm		Installed power Hp		Maximum differential pressure Δp (In WG)		Noise level Lp dB (A) ⁽¹⁾		Overall dimensions H Inches	Weight Lbs
	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	50 Hz 2900 rpm		
K07-MS	294	243	4	4	50	80	78.7	76.7	15.6	116.2
			5 1/2	5 1/2	80	110	79.0	77.0	16.3	119.0
			7 1/2	7 1/2	121	141	79.3	77.3	18.4	160.5
			10	10	171	-	79.6	77.6	19.1	172.6
K08-MS	381	316	5 1/2	5 1/2	40	70	79.7	77.7	16.3	124.8
			7 1/2	7 1/2	70	100	80.0	78.0	18.4	166.5
			10	10	111	141	80.3	78.3	19.1	179.0
			15	15	171	171	80.6	78.6	19.1	192.0
K09-MS	471	390	7 1/2	7 1/2	50	80	80.2	78.2	18.8	186.3
			10	10	80	120	80.5	78.5	19.5	199.0
			15	15	141	171	81.0	79.0	19.6	212.0
			20	20	171	-	81.3	79.3	22.0	245.0
K10-MS	556	460	7 1/2	7 1/2	30	60	80.1	78.1	18.8	189.6
			10	10	50	90	80.5	78.5	19.5	202.0
			15	15	111	141	81.0	79.0	19.6	215.0
			20	20	161	171	81.4	79.4	22.0	248.0
			25	25	201	-	81.6	79.6	24.0	322.0
K11-MS	650	539	15	15	70	110	82.4	80.4	19.8	226.0
			20	20	121	160	82.7	80.7	22.5	259.0
			25	25	151	181	85.6	83.6	24.0	333.0
K12-MS	726	602	15	15	50	90	82.9	80.9	19.9	229.5
			20	20	90	130	83.2	81.2	22.5	263.0
			25	25	121	161	86.1	84.1	24.0	337.0

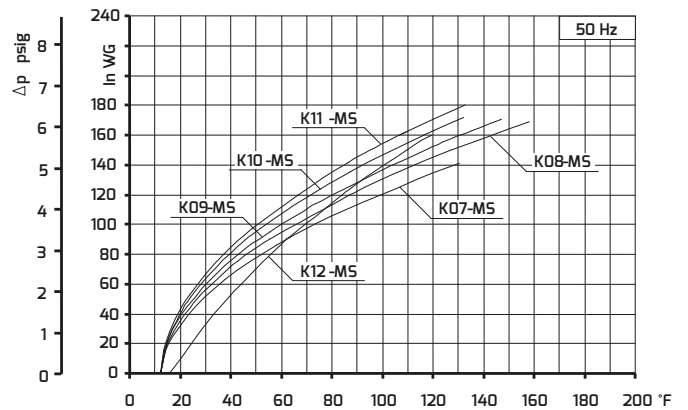
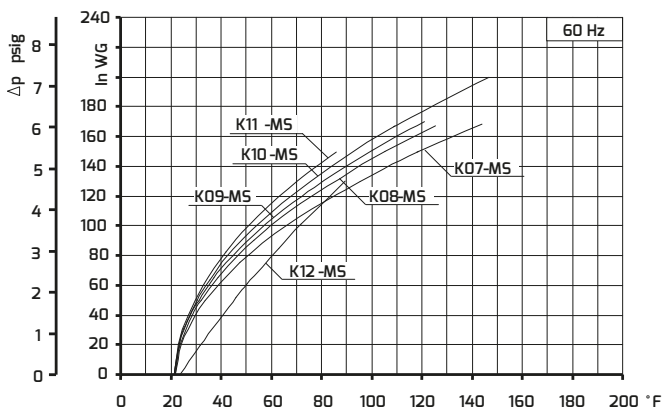
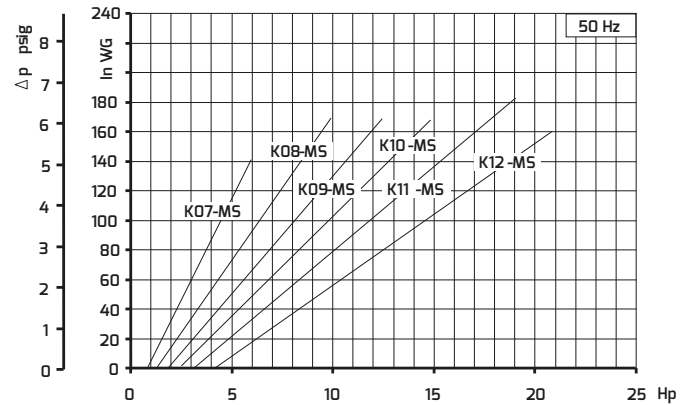
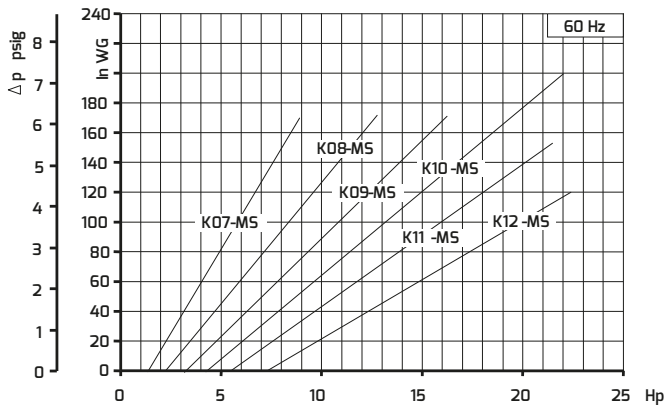
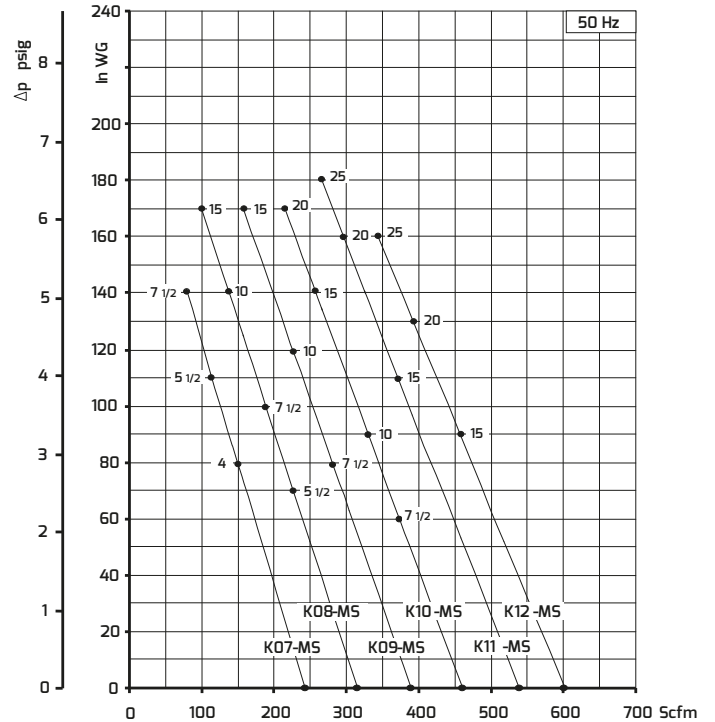
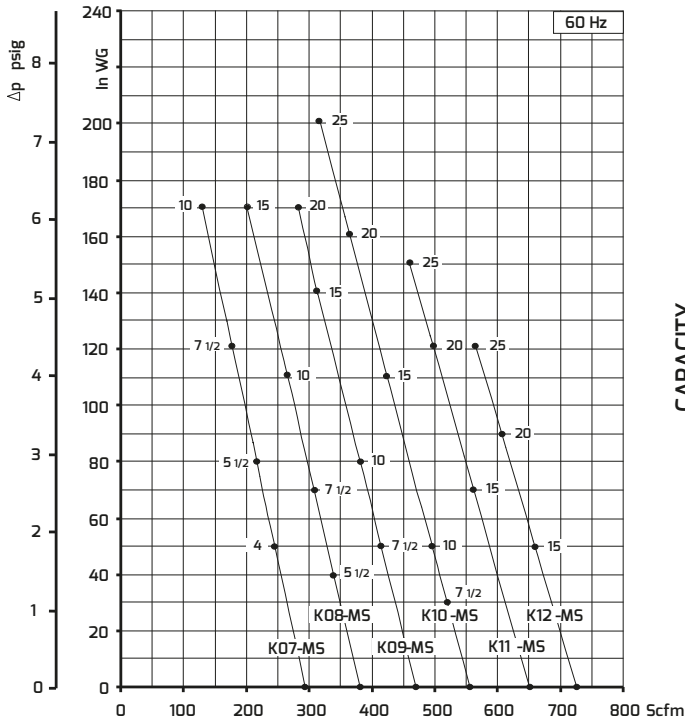
(1) Noise measured at 1 m distance with inlet and outlet ports piped, in accordance to ISO 3744.

- For proper use, the blower should be equipped with inlet filter and safety valve; other accessories available on request.
- Ambient temperature from +5° to +104°F.
- Specifications subject to change without notice.



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

SN1805-188 2/2



Curves refer to air at 68°F temperature and 29.92 In Hg atmospheric pressure (abs) measured at inlet port.
 Values for flow, power consumption and temperature rise: +/- 10% tolerance.
 Data subject to change without notice.

TECHNICAL CHARACTERISTICS

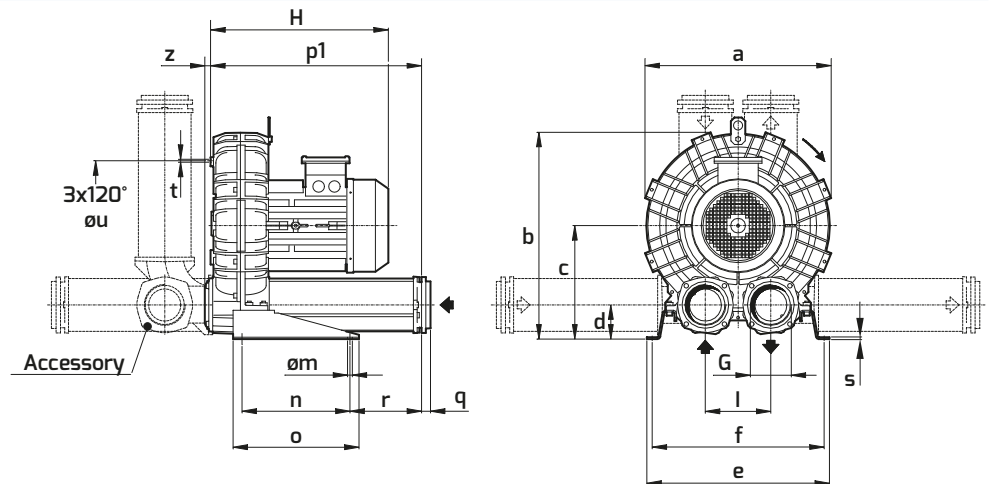
- Aluminium alloy construction
- Smooth operation
- High efficiency impeller
- Maintenance free
- Mountable in any position
- Recognized TEFC - cURus motor

OPTIONS

- Special voltages (IEC 38)
- Surface treatments

ACCESSORIES

- Inlet and/or inline filters
- Additional inlet/outlet silencers
- Safety valves
- Flow converting device
- Optional connectors



Dimensions in inches.

Dimension for reference only.

Model	a	b	c	d	e	f	G	l	m	n	o	p1	q	r	s	t	u	z
K07-MS	16.69	18.84	10.59	3.23	18.43	17.24	3" NPT	6.10	0.51	11.81	13.78	20.16	0.98	5.39	0.20	M8	11.61	0.63
K08-MS	17.99	19.61	10.59	3.23	18.82	17.64	3" NPT	6.10	0.51	11.81	13.78	20.16	0.98	5.39	0.20	M8	12.2	0.63
K09-MS	19.37	22.09	12.40	3.78	20.00	18.82	4" NPT	7.17	0.51	11.81	13.78	23.07	0.98	7.83	0.20	M8	14.17	0.63
K10-MS	20.31	22.56	12.40	3.78	20.00	18.82	4" NPT	7.17	0.51	11.81	13.78	23.07	0.98	7.83	0.20	M8	14.17	0.63
K11-MS	21.34	23.74	13.07	3.58	21.26	20.00	4" NPT	7.87	0.51	11.81	13.78	23.46	0.98	8.03	0.20	M8	15.35	0.63
K12-MS	21.57	23.82	13.07	3.58	21.26	20.00	4" NPT	7.87	0.51	11.81	13.78	23.58	0.98	8.03	0.20	M8	15.35	0.51

Model	Maximum flow cfm		Installed power Hp		Maximum differential pressure Δp (In Hg)		Noise level Lp dB (A) (1)		Overall dimensions H Inches	Weight Lbs
	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	50 Hz 2900 rpm		
K07-MS	294	243	4	4	3.0	4.6	77.7	75.7	15.6	116.2
			5 1/2	5 1/2	5.6	6.3	78.0	76.0	16.3	119.0
			7 1/2	7 1/2	8.9	8.9	78.3	76.3	18.4	160.5
			10	-	10.3	-	78.6	-	19.1	172.6
K08-MS	381	316	5 1/2	5 1/2	3.0	3.8	78.8	76.8	16.3	124.8
			7 1/2	7 1/2	5.2	6.6	79.1	77.1	18.4	166.5
			10	10	8.1	9.2	79.4	77.4	19.1	179.0
			15	-	9.6	-	79.7	-	19.1	192.0
K09-MS	471	390	7 1/2	7 1/2	3.7	4.6	79.3	77.3	18.8	186.3
			10	10	5.9	7.0	79.6	77.6	19.5	245.0
			15	15	9.6	10.4	80.1	78.1	22.0	212.0
K10-MS	556	460	7 1/2	7 1/2	2.4	3.8	79.4	77.4	18.8	189.6
			10	10	4.4	5.9	79.7	77.7	19.5	202.0
			15	15	8.1	9.9	80.2	78.2	19.6	215.0
			20	-	9.6	-	80.5	-	22.0	248.0
K11-MS	650	539	15	15	5.9	8.9	82.5	80.5	19.8	226.0
			20	20	11.0	10.4	83.0	81.0	22.5	259.0
K12-MS	726	602	15	15	3.0	6.6	83.5	81.5	19.9	229.5
			20	20	6.2	9.6	84.3	82.3	22.5	263.0
			25	-	8.9	-	87.2	-	24.0	337.0

(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 +5° to +104°F.

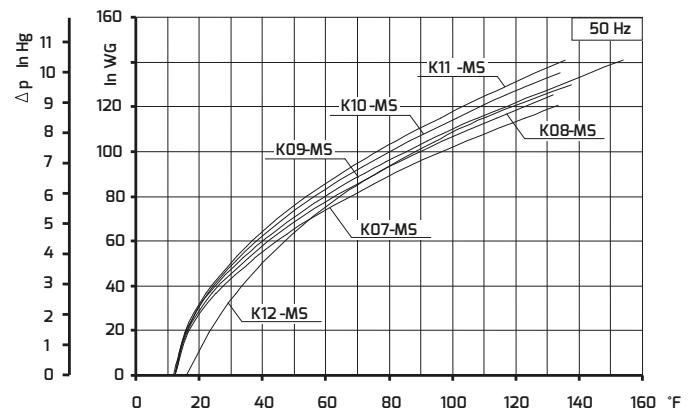
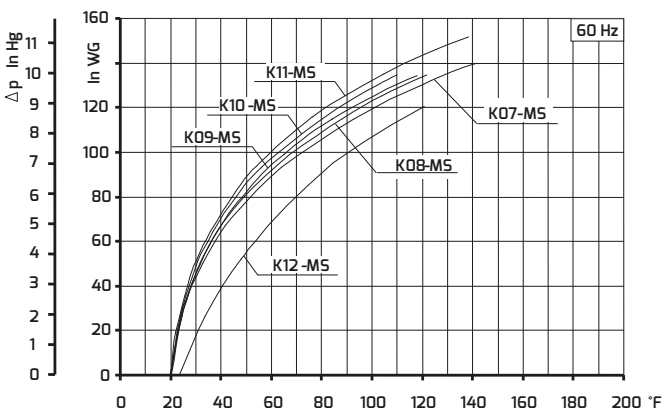
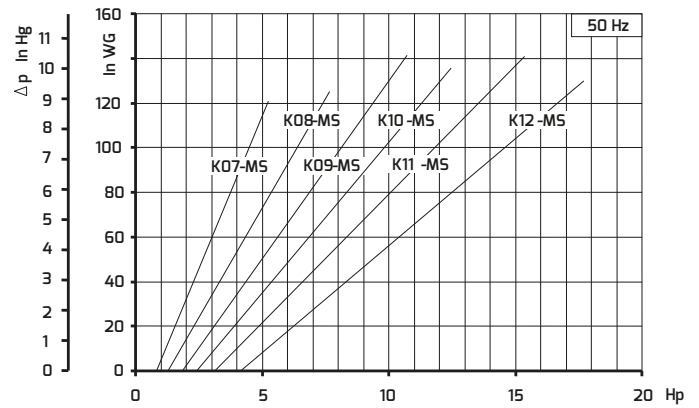
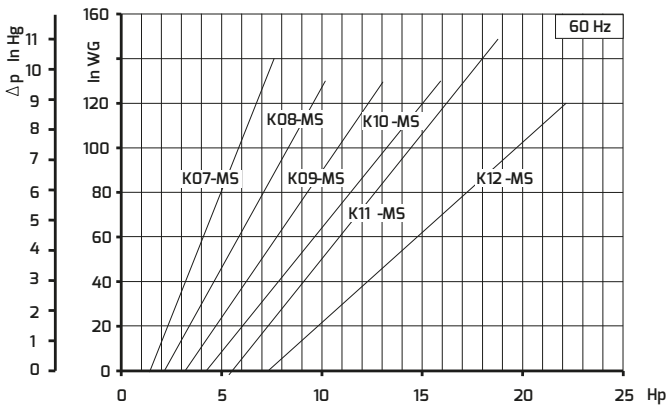
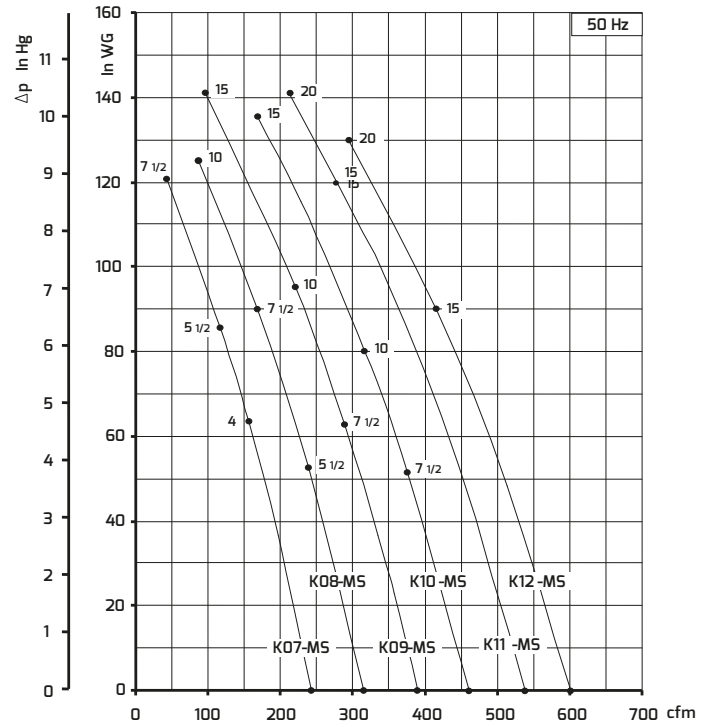
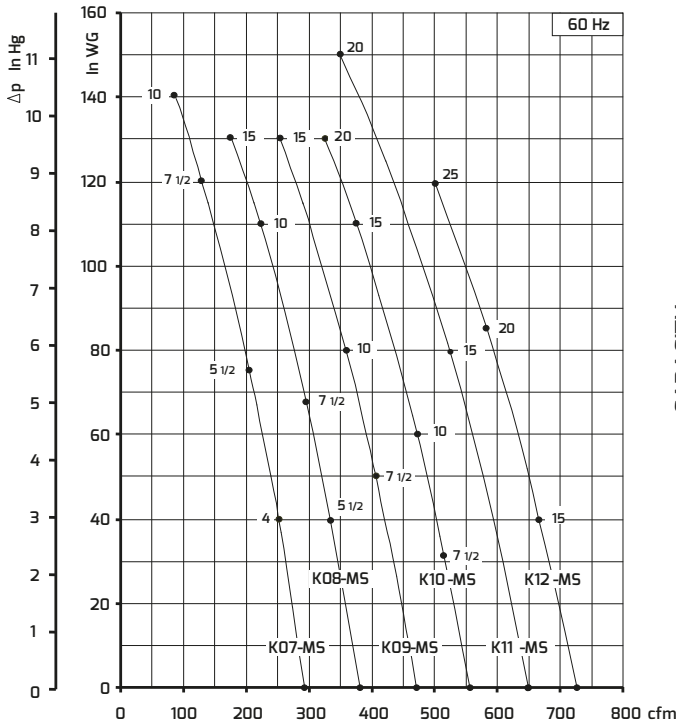
- Specifications subject to change without notice.



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

MS SERIES

SN 1810-19B 2/2



Curves refer to air at 68° F temperature, measured at inlet port and 29.92 In Hg atmospheric backpressure (abs).
 Values for flow, power consumption and temperature rise: +/-10% tolerance.
 Data subject to change without notice.