

HOTWIND S: The flexible hot-air blower.

Weighing just 3.2 kg and with its handle, HOTWIND S can be used both as an integrated or bench device. This enormous flexibility combined with the high maximum temperature of up to 800°C and the wide range of accessories means that HOTWIND S can be used in a variety of ways.

Hot-air blower

HOTWIND S



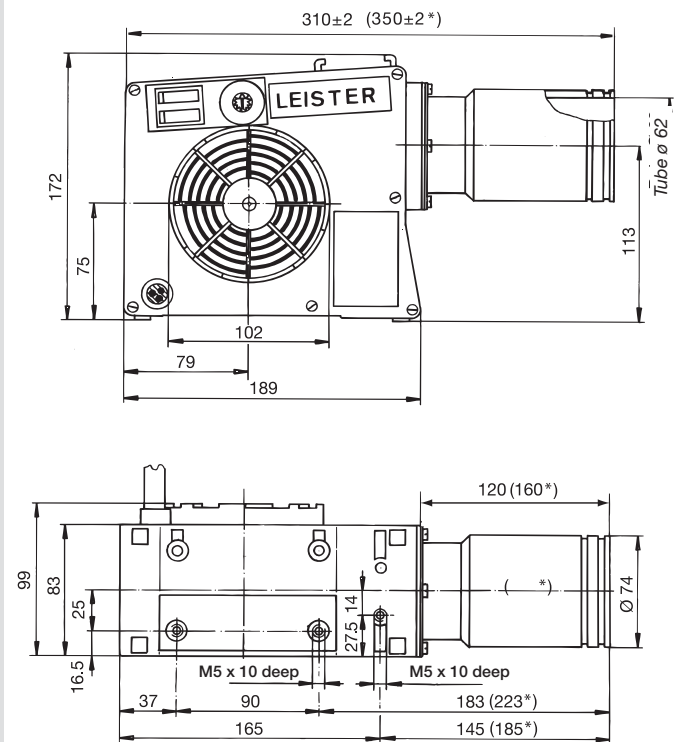
Technical data HOTWIND S

		For KSR DIGITAL
Heating power steplessly adjustable with potentiometer	•	
Mains switch and heating switch	•	•
Integrated device and heating element protection	•	•
Remote control interface for KSR DIGITAL temperature regulator or external PLC control with isolation amplifier 0 – 6.5 V incl. cable and plug		•
Manual air slider, extendable handle	•	•
Static pressure Pa	200	200
Weight with 3 m cable kg	3.2	3.2
Mark of conformity	CE	CE
Approval mark	Ⓢ	
Certification scheme	CCA	
Protection classe II	□	□

Voltage V	120	230	230	230	230
Power consumption W	2300	2300	3100	3700	3700
Max. air outlet temperature °C	560	560	800	650	650
Max. air flow l/min. (20 °C)	450	450	350	550	550
Without plug	Order no.	102.609			
Euro plug	Order no.		102.586	102.602	102.581
Euro plug for KSR DIGITAL	Order no.				108.738
Voltage V			400 – 440	480	
Power consumption W			4400 – 5400	3700	
Max. air outlet temperature °C			620	650	
Max. Air flow l/min. (20 °C)			600	550	
Without plug	Order no.			102.593	
CEKON plug	Order no.		102.605		
CEKON plug for KSR DIGITAL	Order no.		113.672		

Additional versions on request

Installation dimensions in mm



* 120V/2.3KW 400 – 440V 4.4 – 5.4KW,
230V/3.1 KW

Temperature controller

KSR DIGITAL



Technical data	KSR DIGITAL
Suitable for LEISTER air heaters	HOTWIND S
Regulation type	PID
Ready to use with preconfigured parameter set	•
Configuration with PC and programming cable (see Accessories)	
Accuracy	Accuracy better than 0.2% of scale value at 25 °C
Switchover °C °F	Configurable via keypad
Temperature sensor / input	Type K / socket
Alarm output	2 alarms independently configurable Output at 2 floating relay contacts 2mm receptacle
Connection to air heater	Socket, compatible with KSR models
Voltage	100 – 240 VAC, max. 8 VA
Mains connection lead	2 m, without plug
Mechanics	Regulator built into housing, ready to operate, can also be integrated into the front panel, with cut-out 67 × 67 mm
Size L × W × H	175 × 72 × 72 mm
Weight kg	0.5
Mark of conformity	CE
Protection classe II	□
Order no.	For HOTWIND S, 230 V / 3700 W °C 110.350 For HOTWIND S, 400 – 440 V / 4 – 5.4 kW °C 110.353

Interface

Interface



Technical data Interface

This interface has to be used for reference voltage operation of LE 700 und HOTWIND S


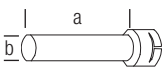
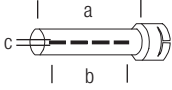
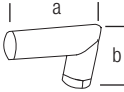
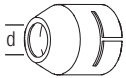
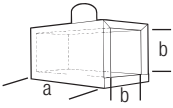
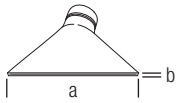
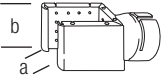
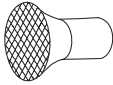

Power consumption	mA	10
Input range	V DC	0 – 7.5
Output range	V DC	0 – 7.5
Size (L × W × H)	mm	165 × 60 × 80

Interface




Power supply voltage	V	120	230	400
For HOTWIND S, KSR DIGITAL	Order no.	129.572	129.573	129.574

Additional versions on request

Accessories HOTWIND S
(Ø 62 mm)

125.317		Flange connector, push-fit a = 90 mm
107.247		Extension nozzle, push-fit (a x b) 200 x 40 mm
105.917 105.907 105.919 107.253 114.136 105.906		Tubular nozzle, push-fit (a x b x c) 303 x 153 x 6 mm 354 x 204 x 4.5 mm 456 x 306 x 3 mm 700 x 550 x 1.7 mm 795 x 655 x 1.5 mm 1100 x 1000 x 4 mm
107.265		Angled nozzle, push-fit (a x b) shank length 120 x 112 mm
107.245		Round nozzle, push-fit d = 40 mm
107.342 106.174 106.175		Shell reflector, push-fit (a x b) 400 x 50 mm 400 x 65 mm 400 x 80 mm
107.260 107.259 105.977 107.263 107.262 105.992 105.991		Wide slot nozzle, push-fit (a x b) 85 x 15 mm 150 x 12 mm 200 x 9 mm 250 x 12 mm 300 x 4 mm 400 x 4 mm 500 x 4 mm
106.143 107.329 107.336		Sieve reflector, push-fit (a x b) 45 x 75 mm 76 x 75 mm 110 x 152 mm
107.335		Sieve reflector, push-fit Ø 150 mm
107.248		Stainless steel filter, push-fit on air intake

Accessories KSR DIGITAL

106.956		Thermocouple with plug, 1 m cable
106.958 106.960 106.962		Thermocouple extension cable with plug and connection 2 m 4 m 10 m
111.331		Controller/extension cable 5 m

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Special nozzles on request

If using non-Leister blowers, compressors and accessories no guarantee can be given by us