Calibration list

Type:	ZSE 12 HP-PH - 40D
Machine number:	6080
Order number:	40136146
Customer:	Next Pharma

Version History:

Date	Version	Description
07.11.2025	1.0	Final

The following table shows all for product quality relevant measuring points and describe the measuring area and the tolerance. A calibration area should be defined by the customer because it depends on the individual process parameters. The table below shows the recommended acceptance criteria for calibration. These values should not be exceeded or, if necessary, only in consultation with Leistritz.

Measuring point	BMK (equipment identification)	Description / Device	Part	Working area	Acceptance criteria for calibration	remarks
P100	=D10 +E-BP1	MELT PRESSURE SENSOR	Zone 9	0 - 200 bar	± 2 bar	switch off at 70% = 140bar / BMK of the plug
T101	=C10 +E-XG1	TEMPERATURESENSOR PT100 Kl. A	Zone 1	20 - 80°C	± 3 °C	integrated in cartridge heater
T102	=C10 +E-XG2	TEMPERATURESENSOR PT100 Kl. A	Zone 2	20 - 160°C	± 3 °C	integrated in cartridge heater
T103	=C10 +E-XG3	TEMPERATURESENSOR PT100 Kl. A	Zone 3	20 - 250°C	± 3 °C	integrated in cartridge heater
T104	=C10 +E-XG4	TEMPERATURESENSOR PT100 Kl. A	Zone 4	20 - 250°C	± 3 °C	integrated in cartridge heater
T105	=C10 +E-XG5	TEMPERATURESENSOR PT100 Kl. A	Zone 5	20 - 250°C	± 3 °C	integrated in cartridge heater
T106	=C10 +E-XG6	TEMPERATURESENSOR PT100 Kl. A	Zone 6	20 - 250°C	± 3 °C	integrated in cartridge heater
T107	=C10 +E-XG7	TEMPERATURESENSOR PT100 Kl. A	Zone 7	20 - 250°C	± 3 °C	integrated in cartridge heater
T108	=C10 +E-XG8	TEMPERATURESENSOR PT100 Kl. A	Zone 8	20 - 250°C	± 3 °C	integrated in cartridge heater
T109	=C10+E-XG9	TEMPERATURESENSOR PT100 Kl. A, 2 wire	Zone 9	20 - 250°C	± 3 °C	integrated in cartridge heater
T201/1 (T201/2)	=D10+E-BT1	MELT TEMPERATURE SENSOR PT100 class A	Zone 9	20 - 250°C	± 2 °C	BMK of the plug

Measuring point	BMK (equipment identification)	Description / Device	Part	Working area	Acceptance criteria for calibration	remarks
N1100	N/A	GEAR i = 2.5	Motor - Gear	10 - 1000 rpm	± 5 rpm	-
N6000	=G10-MA1	MOTOR COOLING BELT	RX6000	1-9.5m/min	± 10 % vom Sollwert / of set value	-
P4000	N/A	PUMP HEAD	RX4000	0.1-200 rpm	± 10 % vom Sollwert / of set value	with Pumpsil silicon tube

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