Device list

Type:	ZSE 12 HP-PH - 40D
Machine number:	06080
Order number:	N-40136146
Customer:	Next Pharma

Version History:

Date	Version	Description
07.11.2025	1.0	Final

Measuring point	PCE function	BMK (equipment identification)	Relevant for product quality	Product contact	Description / Device	Part	Manufacturer	Type	Measuring area	Tolerance	Material	Leistritz article number	remarks
-	-	-	-	-	EXTRUDER	RX1000	-	-	-	-	-	-	-
El101	N/A	=C10+E-XG1	YES	NO	CARTRIDGE HEATER	Zone 1	GC heat	GC cart A99-00285, 75W+190W 230V	10 - 750 °C	N/A	1.4541	3077261	with integrated PT100 class A (023-00101) / BMK of the plug
El102	N/A	=C10+E-XG2	YES	NO	CARTRIDGE HEATER	Zone 2	GC heat	GC cart A99-00285, 75W+190W 230V	10 - 750 °C	N/A	1.4541	3077261	with integrated PT100 class A (023-00101) / BMK of the plug
El103	N/A	=C10+E-XG3	YES	NO	CARTRIDGE HEATER	Zone 3	GC heat	GC cart A99-00285, 75W+190W 230V	10 - 750 °C	N/A	1.4541	3077261	with integrated PT100 class A (023-00101) / BMK of the plug
El104	N/A	=C10+E-XG4	YES	NO	CARTRIDGE HEATER	Zone 4	GC heat	GC cart A99-00285, 75W+190W 230V	10 - 750 °C	N/A	1.4541	3077261	with integrated PT100 class A (023-00101) / BMK of the plug
El105	N/A	=C10+E-XG5	YES	NO	CARTRIDGE HEATER	Zone 5	GC heat	GC cart A99-00285, 75W+190W 230V	10 - 750 °C	N/A	1.4541	3077261	with integrated PT100 class A (023-00101) / BMK of the plug
El106	N/A	=C10+E-XG6	YES	NO	CARTRIDGE HEATER	Zone 6	GC heat	GC cart A99-00285, 75W+190W 230V	10 - 750 °C	N/A	1.4541	3077261	with integrated PT100 class A (023-00101) / BMK of the plug
El107	N/A	=C10+E-XG7	YES	NO	CARTRIDGE HEATER	Zone 7	GC heat	GC cart A99-00285, 75W+190W 230V	10 - 750 °C	N/A	1.4541	3077261	with integrated PT100 class A (023-00101) / BMK of the plug
El108	N/A	=C10+E-XG8	YES	NO	CARTRIDGE HEATER	Zone 8	GC heat	GC cart A99-00285, 75W+190W 230V	10 - 750 °C	N/A	1.4541	3077261	with integrated PT100 class A (023-00101) / BMK of the plug
El109	N/A	=C10+E-XG9	YES	NO	CARTRIDGE HEATER Ø10X43	Zone 9	GC heat	GC cart, A04-, 100W 230V	10 - 750 °C	N/A	1.4541	0049331	with integrated PT100 class A (023-00101) / BMK of the plug
P100	PIRZA	=D10 +E-BP1	YES	YES	MELT PRESSURE SENSOR	Zone 9	Gefran	KE0-7-M-B02C-1-3-0-S-P-E	0 - 200 bar	±0.5%	1.4545 (15-5) with GTP+ coating	0063005	switch off at 70% = 140bar / BMK of the plug
T101	TIRCA	=C10 +E-XG1	YES	NO	TEMPERATURESENSOR PT100 Kl. A	Zone 1	GC heat	N/A	max. 350 °C	± 0,15 °C + 0,002 · |t|	1.4541	3077261	integrated in cartridge heater
T101-1	N/A	=C10+K3-QM1	NO	NO	2/2 SOLENOID VALVE WITH ELECTROMAGNET	Zone 1	RSG	Typ 214	0 - 8 bar	N/A	1.4305 / EPDM	0062433/006243 5	-
T102	TIRCA	=C10 +E-XG2	YES	NO	TEMPERATURESENSOR PT100 Kl. A	Zone 2	GC heat	N/A	max. 350 °C	± 0,15 °C + 0,002 · |t|	1.4541	3077261	integrated in cartridge heater
T102-1	N/A	=C10+K3-QM2	NO	NO	2/2 SOLENOID VALVE WITH ELECTROMAGNET	Zone 2	RSG	Typ 214	0 - 8 bar	N/A	1.4305 / EPDM	0062433/006243 5	-
T103	TIRCA	=C10 +E-XG3	YES	NO	TEMPERATURESENSOR PT100 Kl. A	Zone 3	GC heat	N/A	max. 350 °C	± 0,15 °C + 0,002 · |t|	1.4541	3077261	integrated in cartridge heater

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T103-1	N/A	=C10+K3-QM3	NO	NO	2/2 SOLENOID VALVE WITH ELECTROMAGNET	Zone 3	RSG	Typ 214	0 - 8 bar	N/A	1.4305 / EPDM	0062433/0062435	-
T104	TIRCA	=C10 +E-XG4	YES	NO	TEMPERATURESENSOR PT100 Kl. A	Zone 4	GC heat	N/A	max. 350 °C	± 0,15 °C + 0,002 · |t|	1.4541	3077261	integrated in cartridge heater
T104-1	N/A	=C10+K3-QM4	NO	NO	2/2 SOLENOID VALVE WITH ELECTROMAGNET	Zone 4	RSG	Typ 214	0 - 8 bar	N/A	1.4305 / EPDM	0062433/0062435	-
T105	TIRCA	=C10 +E-XG5	YES	NO	TEMPERATURESENSOR PT100 Kl. A	Zone 5	GC heat	N/A	max. 350 °C	± 0,15 °C + 0,002 · |t|	1.4541	3077261	integrated in cartridge heater
T105-1	N/A	=C10+K3-QM5	NO	NO	2/2 SOLENOID VALVE WITH ELECTROMAGNET	Zone 5	RSG	Typ 214	0 - 8 bar	N/A	1.4305 / EPDM	0062433/0062435	-
T106	TIRCA	=C10 +E-XG6	YES	NO	TEMPERATURESENSOR PT100 Kl. A	Zone 6	GC heat	N/A	max. 350 °C	± 0,15 °C + 0,002 · |t|	1.4541	3077261	integrated in cartridge heater
T106-1	N/A	=C10+K3-QM6	NO	NO	2/2 SOLENOID VALVE WITH ELECTROMAGNET	Zone 6	RSG	Typ 214	0 - 8 bar	N/A	1.4305 / EPDM	0062433/0062435	-
T107	TIRCA	=C10 +E-XG7	YES	NO	TEMPERATURESENSOR PT100 Kl. A	Zone 7	GC heat	N/A	max. 350 °C	± 0,15 °C + 0,002 · |t|	1.4541	3077261	integrated in cartridge heater
T107-1	N/A	=C10+K3-QM7	NO	NO	2/2 SOLENOID VALVE WITH ELECTROMAGNET	Zone 7	RSG	Typ 214	0 - 8 bar	N/A	1.4305 / EPDM	0062433/0062435	-
T108	TIRCA	=C10 +E-XG8	YES	NO	TEMPERATURESENSOR PT100 Kl. A	Zone 8	GC heat	N/A	max. 350 °C	± 0,15 °C + 0,002 · |t|	1.4541	3077261	integrated in cartridge heater
T108-1	N/A	=C10+K3-QM8	NO	NO	2/2 SOLENOID VALVE WITH ELECTROMAGNET	Zone 8	RSG	Typ 214	0 - 8 bar	N/A	1.4305 / EPDM	0062433/0062435	-
T109	TIRCA	=C10+E-XG9	YES	NO	TEMPERATURESENSOR PT100 Kl. A, 2 wire	Zone 9	GC heat	N/A	max. 400 °C	± 0,15 °C + 0,002 · |t|	Edelstahl / Stainless steel	0049331	integrated in cartridge heater
T201/1 (T201/2)	TIRCA	=D10+E-BT1	YES	YES	MELT TEMPERATURE SENSOR PT100 class A	Zone 9	Gräff	GF 7143/HY.1.KL.A.3-L.DD.0.90.K.ERA.1S.303.400°C	0 -400°C	± 0,15 °C + 0,002 · |t|	2.4819/HASTELLOY C276	0058460	BMK of the plug
H1000	N/A	=B10+K3-QM1	NO	NO	2/2 SOLENOID VALVE WITH ELECTROMAGNET	Cooling Motor/gear	RSG	Typ 214	0 - 8 bar	N/A	1.4305 / EPDM	0062433	-
H100	N/A	N/A	NO	NO	BALL VALVE	Motor - Gear	N/A	N/A	2/2 Wege	N/A	N/A	3077189	module gear
T117	TISA	=B10+K3-BT3	NO	NO	TEMPERATURE SENSOR PT100 Kl. B	Oil gearbox	Ephy-Mess	M-OK-SGH-1PT100-B4	-40 °C - +140 °C	± (0,3 + 0,005*T)	Edelstahl / Stainless steel	N/A	module gear
N1000/M	NM	=B10+K3-MA1	YES	NO	AC MOTOR	Motor	Baumüller	DSD2-056SO64W-20-54-AOB-BPP-K-AN-O-000	2.8 kW 2000 U/min	N/A	Lackierung / Paint finish Steel it	0065521	-
N1100	N/A	N/A	YES	NO	GEAR i = 2.5	Motor - Gear	Knödler	DW10-GL-IEC	10 - 1000 rpm	N/A	Lackierung / Paint finish	3077189	-
-	-	=C10+TG-EC70	YES	NO	HEATING / COOLING EBRAUN Zone 2-8	RX9100	E Braun	BR_18_H1_K12_AE_FDA_NET	heat 1.5kW cool 12kW	-	-	-	-
-	-	=H10+DOS1-D1	-	-	POWDER DOSING UNIT (VOL.)	RX3000	Brabender	MT-S HD	1.26 dm3/h 5.60 dm3/h	-	-	-	1.0 m3 tank volume
N3000	SIC	-M1	YES	NO	AC MOTOR GEAR UNIT	RX3000	Brabender	MOOG, SM23165M	0.18kW / 10400 U/min	N/A	N/A	N/A	9-90%, 100 % = 140 RPM after the transfer gear
N/A	N/A	N/A	YES	YES	FILTER	RX3000	Brabender	Filter bag	N/A	N/A	N/A	N/A	-

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N/A	N/A	N/A	YES	YES	TANK	RX3000	Brabender	N/A	1L	N/A	316L	N/A	-
N/A	N/A	N/A	YES	YES	SCREW TC1204 CONCAV	RX3000	Brabender	TC 1204 MT HD	1.26 dm3/h max. 140rpm	N/A	1.4404	N/A	-
N/A	N/A	N/A	YES	YES	SCREW TC1212 CONCAV	RX3000	Brabender	TC 1212 MT HD	5.6 dm3/h max. 140rpm	N/A	1.4404	N/A	-
-	-	=G10-XG1-W1MA1	-	-	COOLING BELT	RX6000	Fedotec	MFB18-24VDC-BLE2-50.5-500-SPEZ	1-9.5m/min 45/500 mm	-	-	-	BMK fo the cable
N6000	SIRC	=G10-MA1	YES	NO	MOTOR COOLING BELT	RX6000	Fedotec	Oriental Motor BLE2D30-C	1-9.5m/min	N/A	N/A	N/A	-
-	-	=H10+DOS3-D3	-	-	LIQUID DOSING	RX4000	Watson Marlow	120 U/DV	0.1-200 rpm	-	-	-	-
P4000	-	-	-	-	PUMP HEAD	RX4000	Watson Marlow	114DV	0.1-200 rpm	N/A	N/A	N/A	with Pumpsil silicon tube

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