

# Data sheet

## Assembly Press

UFM Line5s RX 1-200-200

Basic data	
Nominal force (push/pull)	1 / 1 kN
Stroke	200 mm
Nominal speed	200 mm/s
Nominal acceleration	2000 mm/s <sup>2</sup>
Dwell time of nominal load	min. 4 s
Weight mechanics	6 kg
Max. tool weight*	10 kg
Brake type	Holding brake
Force measurement	
Measuring principle	Strain gauge (internal)
System accuracy**	<1% with 2-point-calibration
Preamplifier	
Type	PDM-S RX
Output signal	digital
Protection class	IP54
Power supply	24 VDC (-15 / +20 %)
Power input	14 W
Distance measuring	
Feedback device	Multiturn
Repeatability of positioning***	< 0,01 mm
Servo amplifier	
Type	M702-034-00025-A
Dimensions (WxHxD)	83 x 382 x 200 mm
Mains voltage	3 AC 380 V ... 480 V, +/-10 %
Cable cross section (input)	IEC 1,5 mm <sup>2</sup> / UL 18 AWG
Cable cross section (output)	IEC 1,5 mm <sup>2</sup> / UL 18 AWG
Protection class (DIN 60529)	IP20
Weight	4 kg
Recommended protection	IEC 10 A gG UL/USA 10 A CC or J
Temperature range	-20 °C...+50 °C
Power loss	94 W
Line filter	
Weight	2 kg
Cable cross section (input)	4 mm <sup>2</sup> / 12 AWG
Power loss	13 W
Dimensions (WxHxD)	83 x 426 x 41 mm

Line filter	
Protection class (DIN 60529)	IP20
Controller	
Type	Controller RX
PLC Fieldbus	Profinet (RT), Profibus, EtherCAT, Ethernet/IP
Protection class	IP20
Power supply	24 VDC (-15 / +20 %) SELV
Power input	25 W

\* For a heavier tool weight please consult PROMESS.

\*\* Force measuring system, static calibration in relation to the reference system / \*\*\*at thermal steady-state

All nominal values refer to 400 V mains voltage.

Tilting of the plunger due to the tool weight must be considered for a horizontal installation.

Radial forces must not exceed 8% of the nominal force of the unit.

If the ratio of pause time / cycle time is < 0,5, please consult PROMESS.

Order code: **RLWIK001D-020-020HGO**

### Type

R: Master UFM / S: Slave UFM / M: Press EMF

### Model

L: Line5 RX / C: Classic  
P: Precision5 RX

### Engine manufacturer

W: Wittur

### Motor position

I: Inline / P: Parallel / U: Parallel with machine protection coupling

### Nominal force

N: N / K: kN / M: MN

### Force measuring

D: DMS / P: Piezo / N: without

### Nominal stroke in cm

### Nominal speed in cm/s

### Brake

H: Holding brake / S: Safety brake

### Version number

G: Basic version

For more efficiency.

