

Assembly Press

Assembly Press Line5 Parallel 30-350-250

| Main functions | |
|---------------------------------|--|
| Nominal force (push/pull) | 30 / 30 kN |
| Stroke | 350 mm |
| Nominal speed | 250 mm/s |
| Nominal acceleration | 1000 mm/s ² |
| Dwell time of nominal load | min. 4 s |
| Weight mechanics (NGX/HGX/SGX) | 93,4 / 94,4 / 107,6 kg |
| Max. tool weight* | 20 kg |
| Force | |
| Measuring principle | DMS |
| System accuracy** | <1% with 2-point-calibration / <0,3% with characteristic map |
| Amplifier PDM-S / (WxHxD) | Aluminum die-cast / 125 x 80 x 57 mm |
| Output signal | digital |
| Protection class | IP40 |
| Power supply | 19...36 VDC (3 W) |
| Distance measuring | |
| Feedback device | Multiturn |
| Repeatability of positioning*** | < 0,01 mm |
| Servo amplifier | |
| Type | M702-034-00100-A |
| Dimensions (WxHxD) | 83 x 382 x 200 mm |
| Mains voltage | 3 AC 380 V ... 480 V, +/- 10 % |
| Cable cross section (input) | IEC 2,5 mm ² / UL 12 AWG |
| Cable cross section (output) | IEC 2,5 mm ² / UL 12 AWG |
| Protection class (DIN 60529) | IP20 |
| Weight | 4,5 kg |

| Servo amplifier | |
|------------------------------|--|
| Recommended protection | IEC 20 A gG UL/USA 20 A CC or J |
| Temperature range | -20 °C...+50 °C |
| Power loss | 209 W |
| Line filter | |
| Weight | 2 kg |
| Cable cross section (input) | 4 mm ² / 12 AWG |
| Power loss | 13 W |
| Dimensions (WxHxD) | 83 x 426 x 41 mm |
| Protection class (DIN 60529) | IP20 |
| Interfaces | |
| PC | Ethernet |
| PLC (24 VDC) | 3I / 4O |
| PLC Fieldbus | Profibus, Profinet, EtherCat, EtherNet/IP, Modbus/TCP |
| Extension Options | PDM-A: 4x analogue / PDM-P: Piezo / PDM-I/O: 16I / 16O |

* if using a holding brake: max. permitted tool weight = 10% nominal load. 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: **LN5 P0300-035-025**

Motor position

I: Inline / P: Parallel

Nominal force in 1/10 kN

Nominal stroke in cm

Nominal speed in cm/s

Brake:

H: Holding brake / S: Safety brake

N: without brake

Special type:

GX: Basic version / XX: Special type

For more efficiency.

