2PXL

2 jaws self-centering grippers Ø250

ALUMINIUM

Pneumatics - Protected

Technical features

- Aluminium body to contain the gripper weight
- Functional parts heat-treated for high precision and long life
- Master jaws with calibrated bushings
- Protection class IP40
- Highest rigidity and Repeatability: 0,04 mm
- Prepared for Air purge

OPTIONAL

- Analogic stroke control sensor ON/OFF or continuous
- Magnetic stroke control sensor ON/OFF or continuous

Applications/Customer benefits

- Compact and light design
- OD and/or ID clamping
- Side or rear feeding
- Interchangeable with most existing universal grippers

Standard equipment

Grippers without top jaws and without sensors.
All bolts for the double mounting, all centering bushings and all interface OR included.

SMW-Autoblok TYPE	Id. No.	Clamping force (daN) at 6 bar	Spring force min. (daN)	U (mm) jaw stoke	Air volume (cm^3)	Pressure (bar) min./max.	Opening/ Closing time (s) at 6 bar	Weight (Kg)	Workpiece weight recommended (Kg)	e (mm) min. /max.	R1 (mm) min. /max.	R2 (mm) min. /max.
2PXL-N 250	77901877	800	-----	17	651	2/8	0,5/0,5	8,4	40,0	46,75/63,75	122/139	37/54
2PXL-NSE 250	77902077	1100	300	17	1251	4/6,5	0,7/0,4	10,7	40,0	46,75/63,75	122/139	37/54
2PXL-NSI 250	77901177	1135	300	17	1278	4/6,5	0,4/0,7	10,7	40,0	46,75/63,75	122/139	37/54
2PXL-L 250	77901977	530	-----	30	651	2/8	0,5/0,5	8,2	26,5	46,75/76,75	109/139	37/67
2PXL-LSE 250	77902177	730	200	30	1251	4/6,5	0,7/0,4	10,5	26,5	46,75/76,75	109/139	37/67
2PXL-LSI 250	77901277	755	200	30	1278	4/6,5	0,4/0,7	10,5	26,5	46,75/76,75	109/139	37/67

Note: 2PXL-N: Normal stroke 2PXL-L: Long stroke 2PXL-NSE: Normal stroke OD 2PXL-NSI: Normal stroke ID
2PXL-LSE: Long stroke OD 2PXL-LSI: Long stroke ID

250

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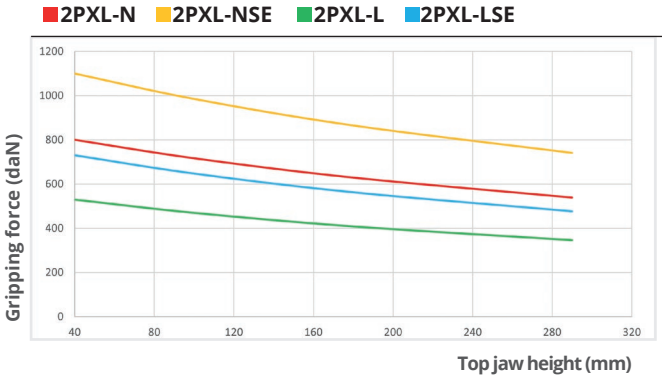
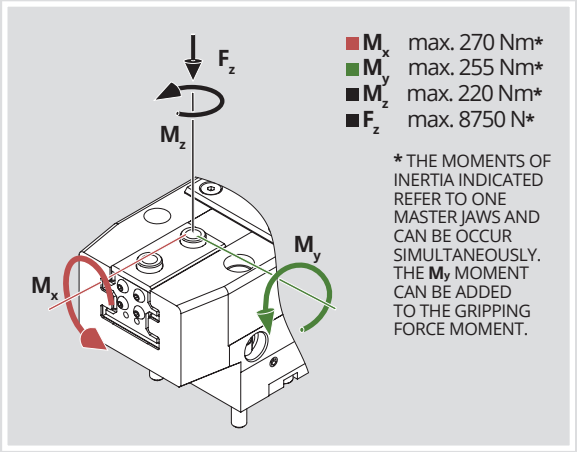
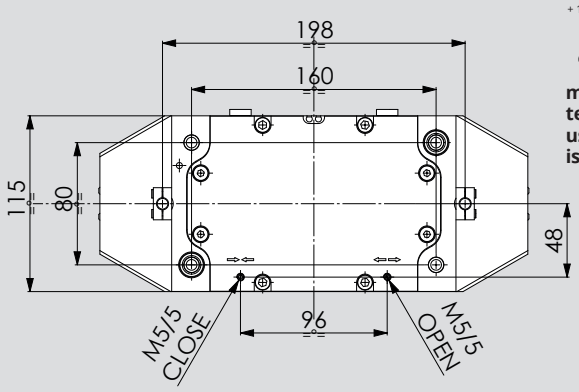


DIAGRAM DATA	
GRIPPING FORCE CALCULATED AT	6 bar
MAX. RECOMMENDED TOP JAWS HEIGHT	290 mm
MAX. TOP JAWS WEIGHT	9,2 kg
I.D. CLAMPING (of the gripping force shown in the diagram)	+3%
USE CONNECTING SCREWS CLASS	12.9





max allowed temperature using proximities is 60°C