



**Universal gripper PGN+80/1  
(39371101)**

URL: <https://www.sxplc.com/universal-gripper-pgn-80-1-39371101>

**Product data sheet**

Stroke per jaw [mm]	8
Closing force [N]	415
Opening force [N]	465
Closing force (with finger lengths of 0 mm) [N]	485
Opening force (with finger lengths of 0 mm) [N]	540
Weight [kg]	0.5
Recommended workpiece weight [kg]	2.1
Cylinder volume per double stroke [cm <sup>3</sup> ]	22.5
Min. operating pressure [bar]	2.5
Max. operating pressure [bar]	8
Nominal operating pressure [bar]	6
Min. air purge pressure [bar]	0.5
Max. air purge pressure [bar]	1
Closing time [s]	0.04
Opening time [s]	0.04
Max. permissible finger length [mm]	110
Max. permissible weight per finger [kg]	0.6
IP protection class	40
Min. ambient temperature [°C]	5
Max. ambient temperature [°C]	130
Repeat accuracy [mm]	0.01
Cleanroom class ISO 14644-1	5
Length X [mm]	96

Width Y [mm]	42
Height Z [mm]	49
Moment Mx max. [Nm]	60
Moment My max. [Nm]	95
Moment Mz max. [Nm]	55
Max. axial force Fz max. [N]	1500
High-temperature version	yes

