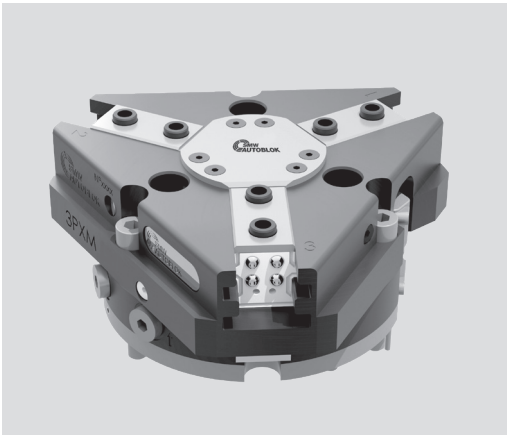




Application/customer benefits

- Compact and light design and high gripping force
- ID and OD clamping
- Integrated greasing system on base jaw (use SMW-AUTOBLOK K67 grease)

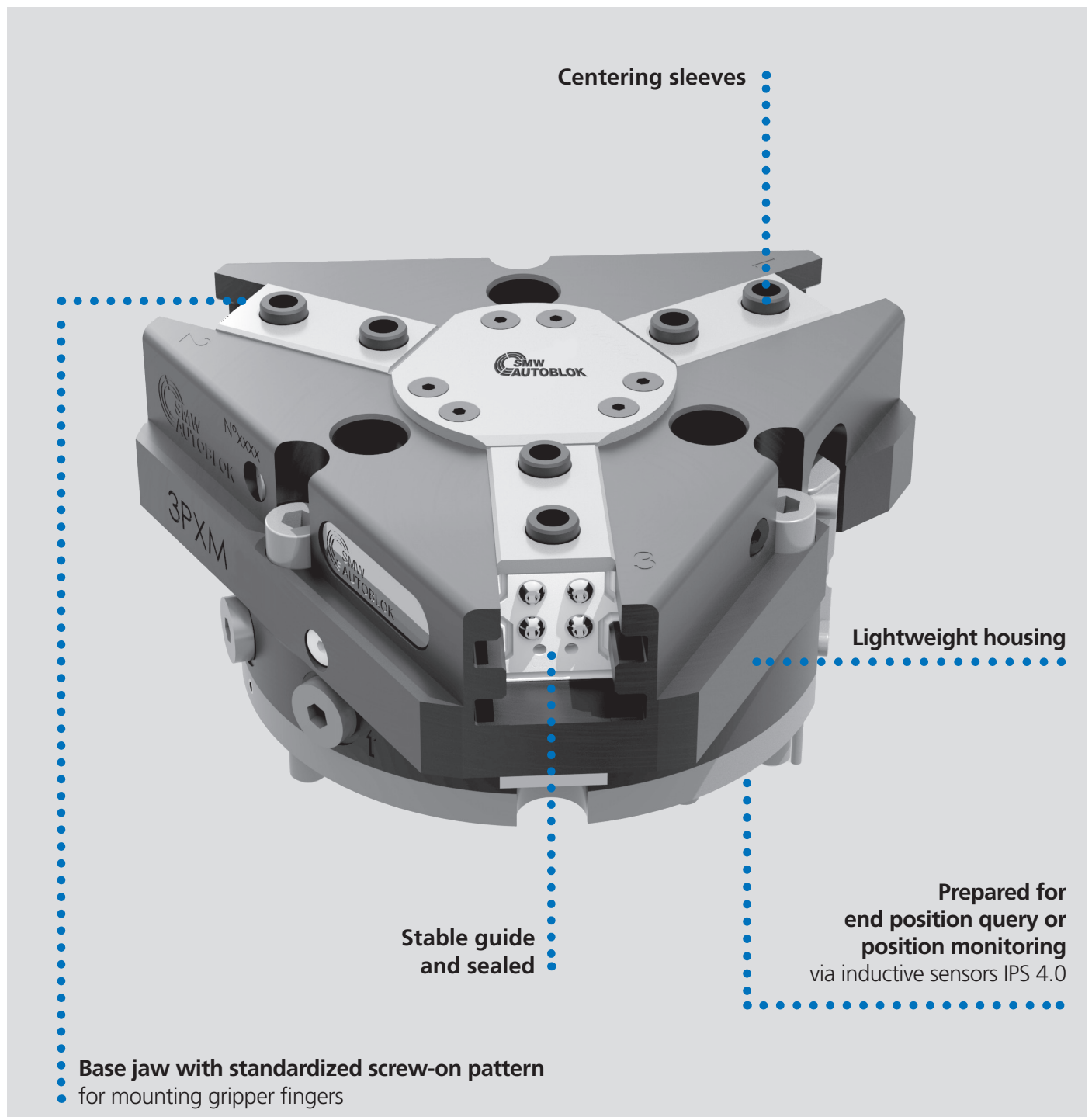
Technical features

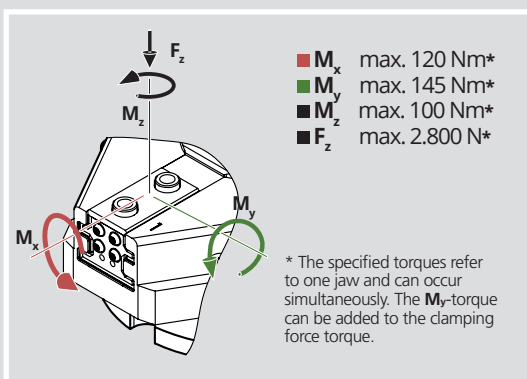
- Aluminum housing
- Sealed / Protection class: IP64
- Functional parts heat-treated for high precision and long life
- Highest rigidity and repeatability: 0,02 mm
- Prepared for Air purge
- Optional: Spring workshop, pneumatic stroke control valve, Sensor package

Standard equipment

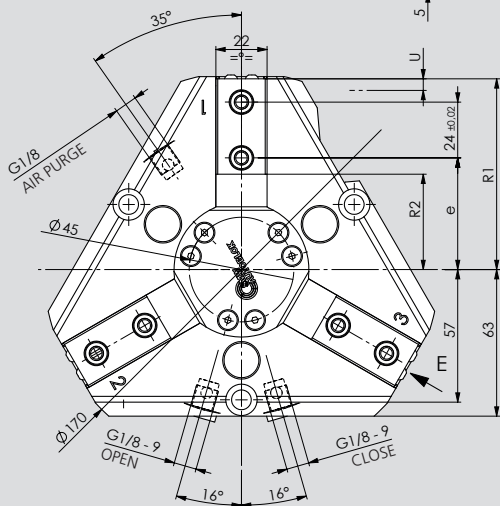
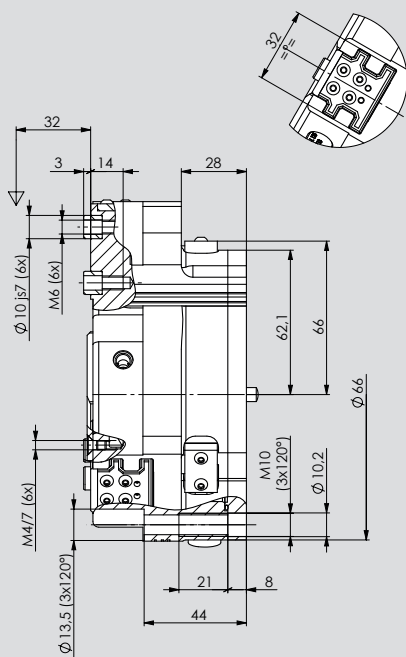
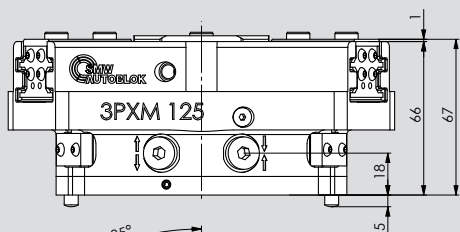
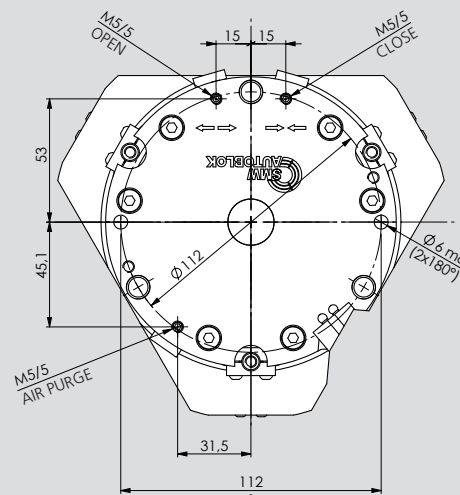
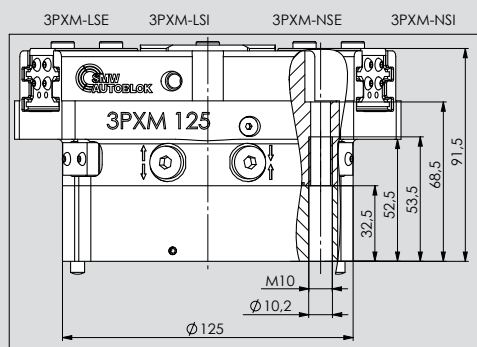
Gripper with centering sleeves and mounting bolts (without gripper fingers and sensors)

3PXM





max allowed temperature using proximities is 60°C



Subject to technical changes.
For more detailed information please ask our customer service.

Type	Id. No.	Gripping force (N) at 6 bar	Spring force min. (N)	U (mm) jaw stroke	Air volume (cm³)	Pressure (bar) min./max.	Opening / Closing time (s) at 6 bar	Weight (Kg)	Recommended Workpiece weight (Kg)	e (mm) min./max.	R1 (mm) min./max.	R2 (mm) min./max.
3PXM-N 125	77920413	6.750	-----	6	200,5	2/8	0,2/0,2	2,7	33,5	35/41	76/82	28/34
3PXM-NSE 125	77920513	9.450	2.700	6	357	4/6,5	0,32/0,17	3,3	33,5	35/41	76/82	28/34
3PXM-NSI 125	77920613	9.900	2.700	6	366,5	4/6,5	0,17/0,32	3,3	33,5	35/41	76/82	28/34
3PXM-L 125	77920113	3.200	-----	13	200,5	2/8	0,2/0,2	2,7	16,0	35/48	69/82	28/41
3PXM-LSE 125	77920213	4.500	1.300	13	357	4/6,5	0,32/0,17	3,3	16,0	35/48	69/82	28/41
3PXM-LSI 125	77920313	4.700	1.300	13	366,5	4/6,5	0,17/0,32	3,3	16,0	35/48	69/82	28/41

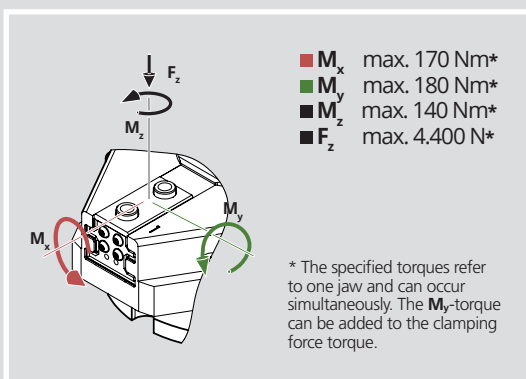
LSI/LSE, NSE/NSI = gripping force retention (E = external clamping, I = internal clamping), L = long stroke, N = normal stroke

3PXM 160

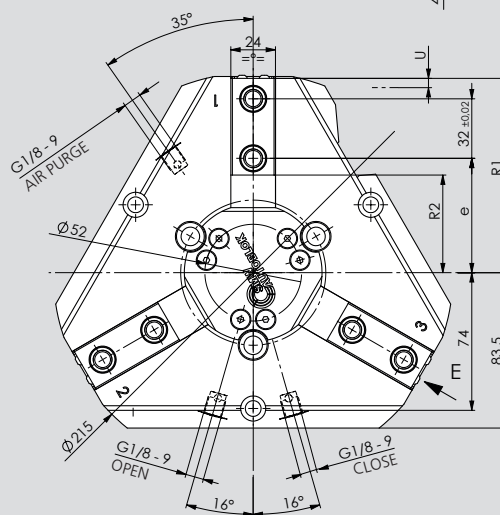
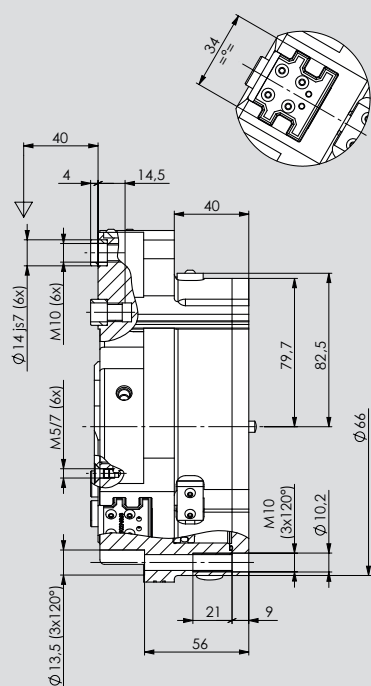
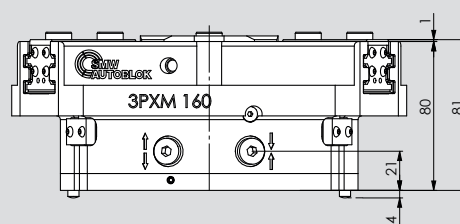
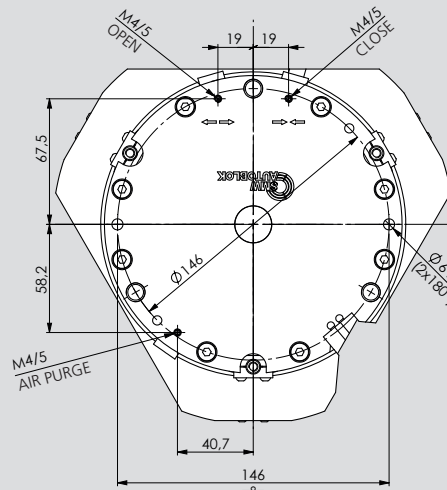
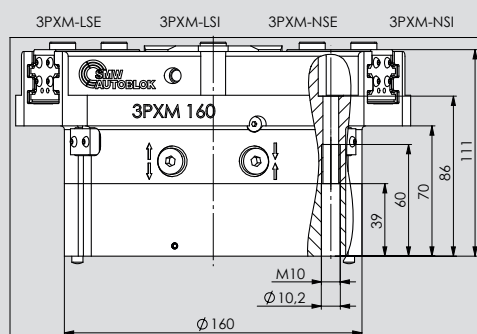
Centric gripper

Pneumatic gripper

Dimension and technical data



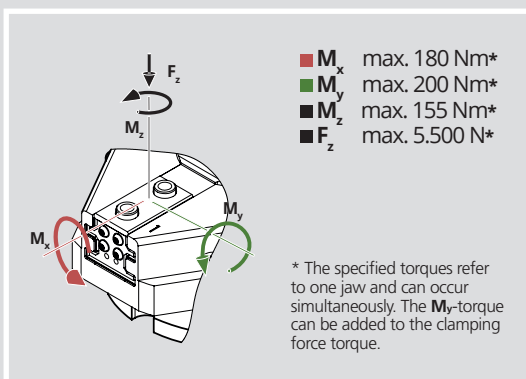
max allowed temperature using proximities is 60°C



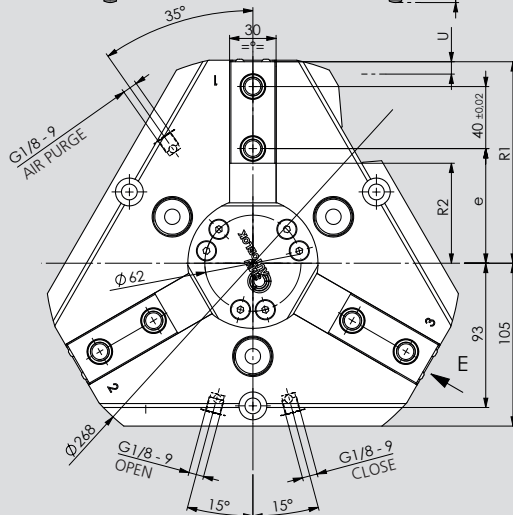
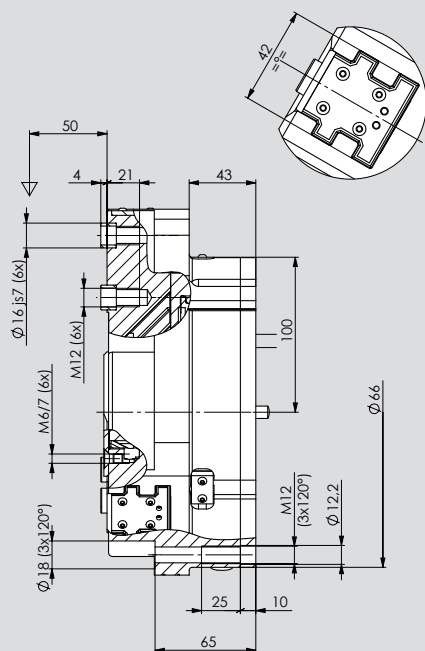
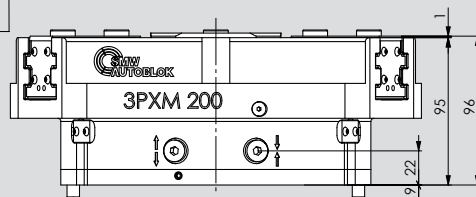
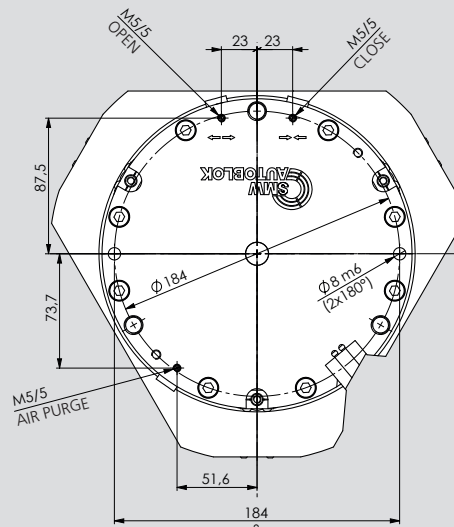
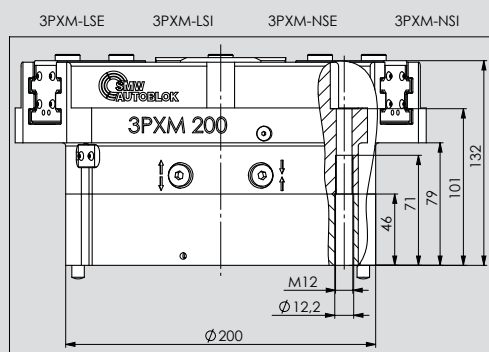
Subject to technical changes.
For more detailed information please ask our customer service.

Type	Id. No.	Gripping force (N) at 6 bar	Spring force min. (N)	U (mm) jaw stroke	Air volume (cm³)	Pressure (bar) min./max.	Opening / Closing time (s) at 6 bar	Weight (kg)	Recommended Workpiece weight (kg)	e (mm) min./max.	R1 (mm) min./max.	R2 (mm) min./max.
3PXM-N 160	77920417	12.700	-----	8	480	2/8	0,44/0,44	5,2	63,5	45/53	96,5/104,5	36/44
3PXM-NSE 160	77920517	17.500	4800	8	833	4/6,5	0,66/0,36	6,5	63,5	45/53	96,5/104,5	36/44
3PXM-NSI 160	77920617	18.000	4800	8	847,5	4/6,5	0,36/0,66	6,5	63,5	45/53	96,5/104,5	36/44
3PXM-L 160	77920117	6.000	-----	16	480	2/8	0,44/0,44	5,2	30,0	45/61	88,5/104,5	36/52
3PXM-LSE 160	77920217	8.300	2300	16	833	4/6,5	0,66/0,36	6,5	30,0	45/61	88,5/104,5	36/52
3PXM-LSI 160	77920317	8.550	2300	16	847,5	4/6,5	0,36/0,66	6,5	30,0	45/61	88,5/104,5	36/52

LSI/LSE, NSE/NSI = gripping force retention (E = external clamping, I = internal clamping), L = long stroke, N = normal stroke



max allowed temperature using proximities is 60°C

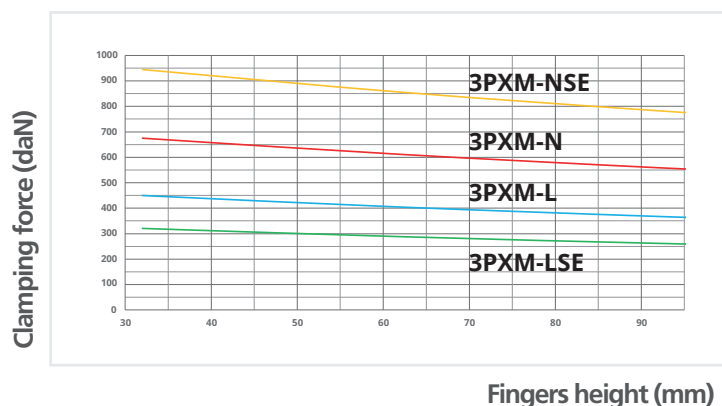


Subject to technical changes.
For more detailed information please ask our customer service.

Type	Id. No.	Gripping force (N) at 6 bar	Spring force min. (N)	U (mm) jaw stroke	Air volume (cm³)	Pressure (bar) min./max.	Opening / Closing time (s) at 6 bar	Weight (Kg)	Recommended Workpiece weight (Kg)	e (mm) min./max.	R1 (mm) min./max.	R2 (mm) min./max.
3PXM-N 200	77920421	12.200	-----	14	866	2/8	1,05/1,05	10,1	60,0	49/63	116/130	39,5/53,5
3PXM-NSE 200	77920521	16.300	4100	14	1476,5	4/6,5	1,38/0,9	12,2	60,0	49/63	116/130	39,5/53,5
3PXM-NSI 200	77920621	16.800	4100	14	1502	4/6,5	0,9/1,38	12,2	60,0	49/63	116/130	39,5/53,5
3PXM-L 200	77920121	8.100	-----	25	866	2/8	1,05/1,05	10,1	40,5	49/74	105/130	39,5/64,5
3PXM-LSE 200	77920221	10.850	2750	25	1476,5	4/6,5	1,38/0,9	12,2	40,5	49/74	105/130	39,5/64,5
3PXM-LSI 200	77920321	11.200	2750	25	1502	4/6,5	0,9/1,38	12,2	40,5	49/74	105/130	39,5/64,5

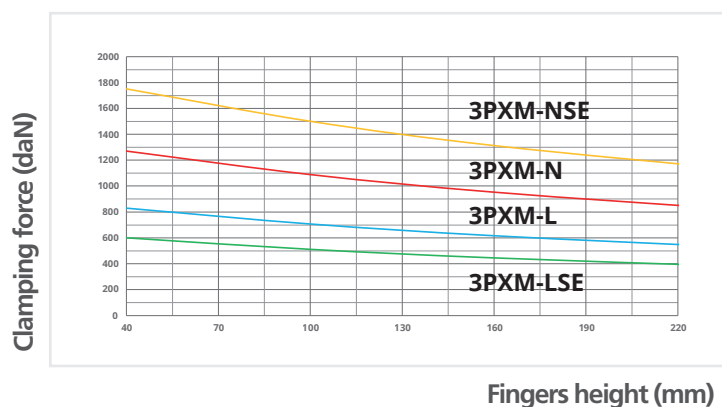
LSI/LSE, NSE/NSI = gripping force retention (E = external clamping, I = internal clamping), L = long stroke, N = normal stroke

CLAMPING FORCE DIAGRAM 3PXM 125



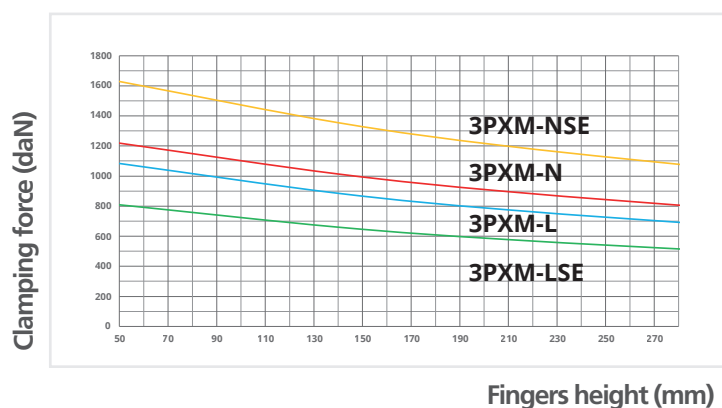
- Clamping force calculated at **6 bar**
- Max. recommended fingers height: **160 mm**
- Max. fingers weight: **2 Kg**
- For I.D. clamping consider **+5%** of the clamping force shown in the diagram.
- Use connecting screws class **12.9**

CLAMPING FORCE DIAGRAM 3PXM 160



- Clamping force calculated at **6 bar**
- Max. recommended fingers height: **220 mm**
- Max. fingers weight: **3,5 Kg**
- For I.D. clamping consider **+3%** of the clamping force shown in the diagram.
- Use connecting screws class **12.9**

CLAMPING FORCE DIAGRAM 3PXM 200



- Clamping force calculated at **6 bar**
- Max. recommended fingers height: **280 mm**
- Max. fingers weight: **6,5 Kg**
- For I.D. clamping consider **+3%** of the clamping force shown in the diagram.
- Use connecting screws class **12.9**