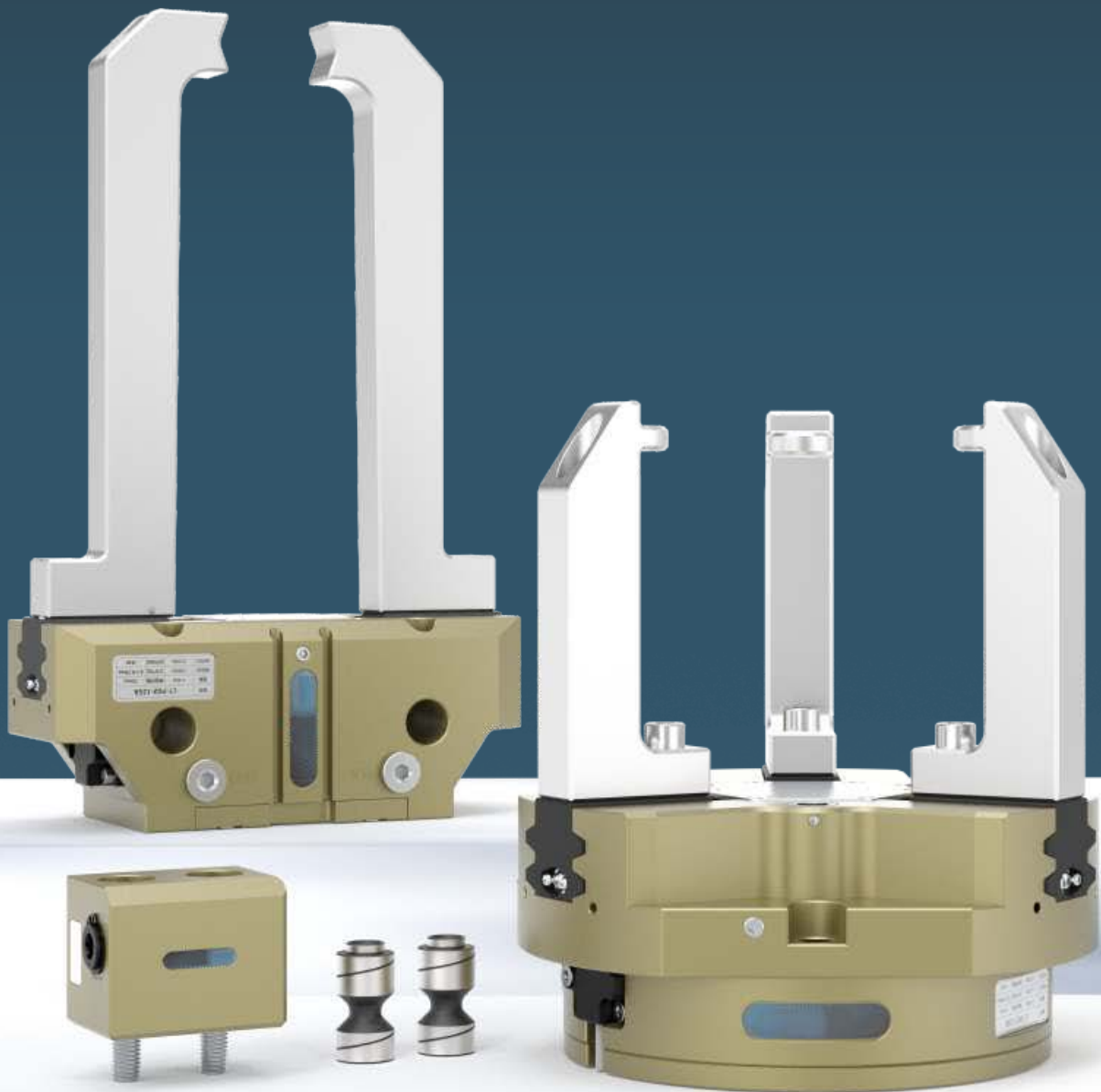


Parallel Pneumatic Gripper

Precise Grabbing Safe Clamping



CLAMPING TECHNOLOGY

Pneumatic gripper is one of end-effectors which takes compressed air as power to clamp or grab workpieces, can replace human hand, used to catch workpieces with different shapes, measurements, weights and materials, to combine grabbing force and grabbing stroke perfectly and then improve the stability of production process.



High strength
mechanism grippers



Strong structure, greater
load bearing capacity



Multi-tooth cross-section
design, guarantee reliable
clamping



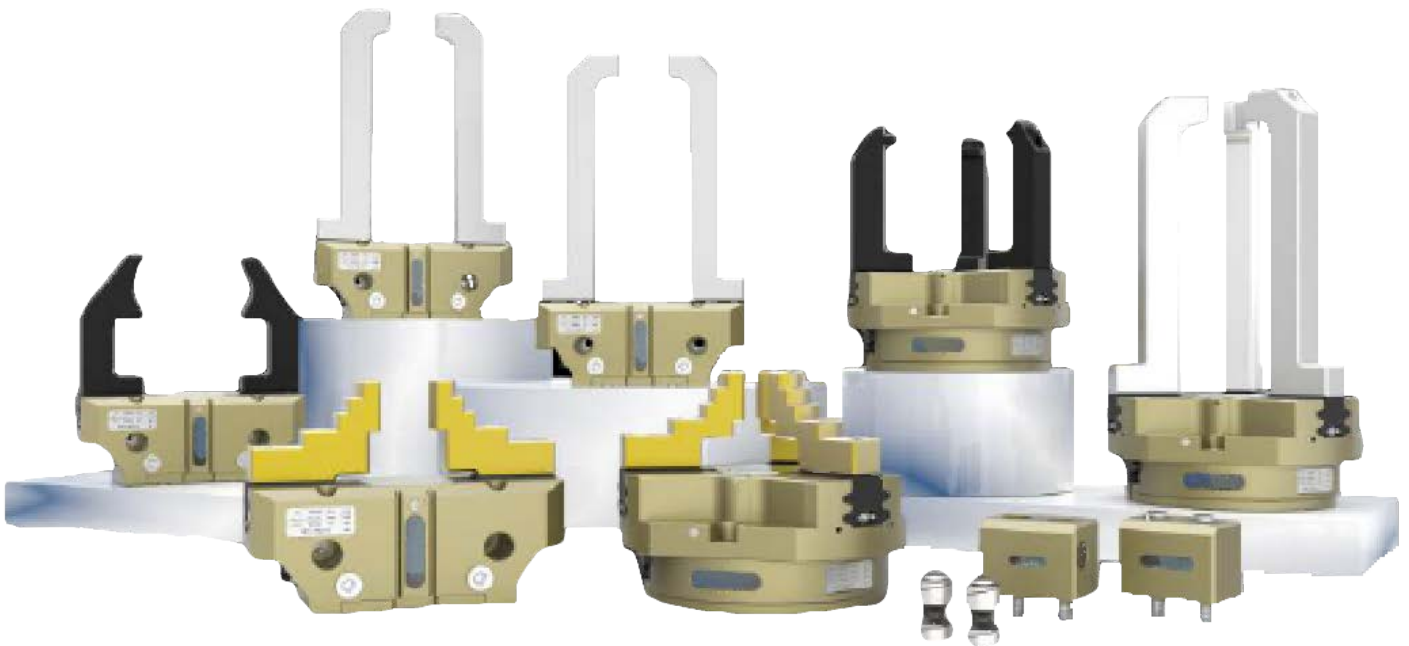
Multi-sensor sensing
positions, detect closing
and opening flexibly



Unique self-lubrication
design, longer service life
with maintenance-free



More than 400
combinations of function
expansion



Model: LT-TG2-40series

- ▶ Stroke per jaw: 2.5mm
- ▶ Recommended grabbing weight: 0.76kg
- ▶ Gripper weight: 0.08-0.1kg
- ▶ Largest piston area design for maximum gripping force
- ▶ T-type guide rail design allows precise grasping of various workpieces



Model	LT-TG2-40A	LT-TG2-40A-CFM	LT-TG2-40A-OFM
Item No.	F11010001	F11010002	F11010003
Stroke per jaw (mm)	2.5	2.5	2.5
Closing force (in the position of 20mm)	153	210	/
Opening force (in the position of 20mm)	167	/	224
The Min. holding force (N)	/	57	57
Recommended workpiece weight (kg)	0.76	0.76	0.76
Product weight (kg)	0.08	0.1	0.1
The Min. Air pressure (Mpa)	0.4	0.4	0.4
The Max. Air pressure (Mpa)	0.8	0.65	0.65
Rated air pressure (Mpa)	0.6	0.6	0.6
Suitable temperature (°C)	5~90	5~90	5~90
IP grade (IP)	IP40	IP40	IP40
Open/close time (s)	0.02/0.02	0.03/0.02	0.02/0.03
Repeatability (mm)	0.01	0.01	0.01
Air consumption (cm ³) (Round trip)	2.5	4.5	5.5
The allowed longest fingers (mm)	58	54	54
The allowed heaviest single finger (kg)	0.1	0.1	0.1

The recommended workpiece weight is calculated under the conditions of friction coefficient 0.1 and safety factor 2 (not including robot acceleration) for matched gripping. If mechanical locking gripping is used, the grippable workpiece weight will be larger. The product comes with 4 finger location pins and 2 gripper location pins;

Extended Function - Dustproof type

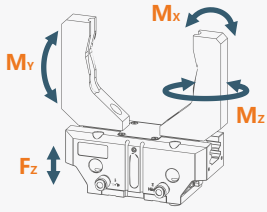
Product Model	LT-TG2-40A-DP	LT-TG2-40A-CFM-DP	LT-TG2-40A-OFM-DP
Item No.	F11010005	F11010006	F11010007
IP grade (IP)	IP64	IP64	IP64
Purge air pressure (Mpa)	0.05~0.1	0.05~0.1	0.05~0.1
Product weight (kg)	0.11	0.13	0.13

Extended Function - High temperature type

Product Model	LT-TG2-40A-HT	LT-TG2-40A-CFM-HT	LT-TG2-40A-OFM-HT
Item No.	F11010008	F11010009	F11010010
Suitable temperature (°C)	5~130	5~130	5~130
Product weight (kg)	0.08	0.1	0.1

Dimensions and Maximum Loads

Show the possible applied static moment and torque besides clamping force



M_x max. 10N.m

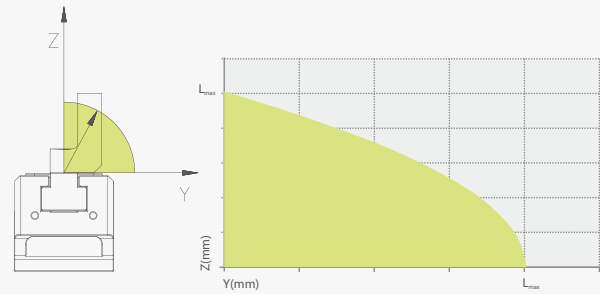
M_y max. 12N.m

M_z max. 5N.m

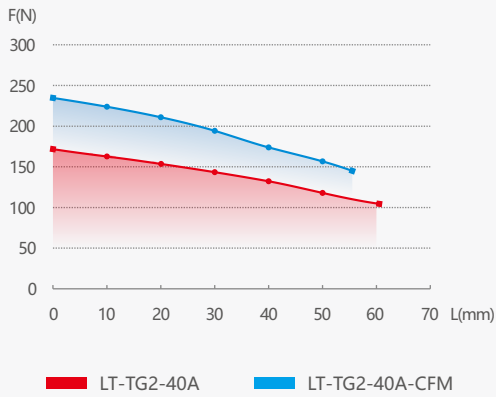
F_z max. 250N

Maximum Permitted Finger Projection

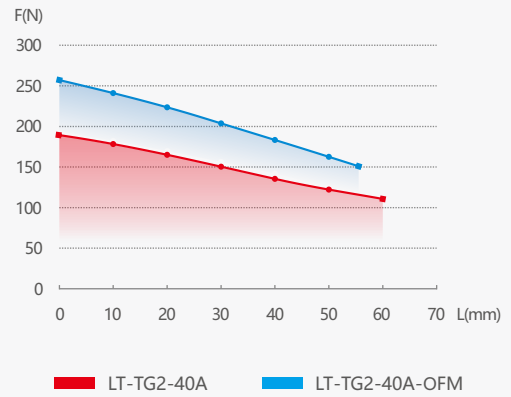
L_{max} is equal to the maximum permissible finger length. See technical data sheet.



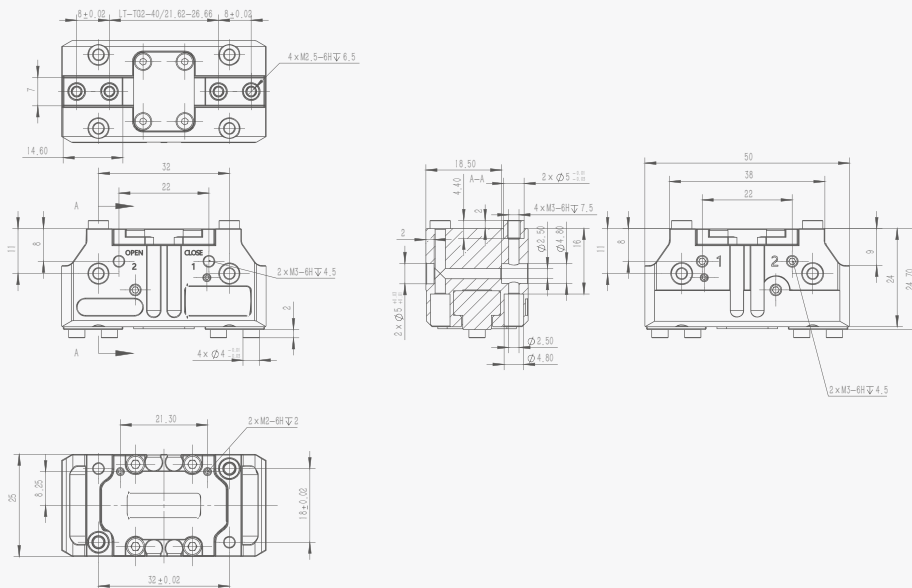
Closing Force Diagram



Opening Force Diagram



Dimensions



Model: LT-TG2-50series

- ▶ Stroke per jaw: 4mm/2mm
- ▶ Recommended grabbing weight: 0.95-1.9kg
- ▶ Gripper weight: 0.17-0.2kg
- ▶ Largest piston area design for maximum gripping force
- ▶ T-type guide rail design allows precise grasping of various workpieces



Model	LT-TG2-50A	LT-TG2-50A-CFM	LT-TG2-50A-OFM	LT-TG2-50B	LT-TG2-50B-CFM	LT-TG2-50B-OFM
Item No.	F11020001	F11020002	F11020003	F11020006	F11020007	F11020008
Stroke per jaw (mm)	4	4	4	2	2	2
Closing force(in the position of 20mm)	192	262	/	388	533	/
Opening force(in the position of 20mm)	215	/	285	430	/	575
The Min. holding force (N)	/	70	70	/	145	145
Recommended workpiece weight(kg)	0.95	0.95	0.95	1.9	1.9	1.9
Product weight (kg)	0.17	0.2	0.2	0.17	0.2	0.2
The Min. Air pressure (Mpa)	0.4	0.4	0.4	0.4	0.4	0.4
The Max. Air pressure (Mpa)	0.8	0.65	0.65	0.8	0.65	0.65
Rated air pressure (Mpa)	0.6	0.6	0.6	0.6	0.6	0.6
Suitable temperature (°C)	5~90	5~90	5~90	5~90	5~90	5~90
IP grade (IP)	IP40	IP40	IP40	IP40	IP40	IP40
Open/Close time (s)	0.02/0.02	0.03/0.02	0.02/0.03	0.02/0.02	0.03/0.02	0.02/0.03
Repeatability (mm)	0.01	0.01	0.01	0.01	0.01	0.01
Air consumption (cm ³) (Round trip)	5	8.5	11	5	8.5	11
The allowed longest fingers (mm)	72	68	68	68	64	64
The allowed heaviest single finger (kg)	0.18	0.18	0.18	0.18	0.18	0.18

The recommended workpiece weight is calculated under the conditions of friction coefficient 0.1 and safety factor 2 (not including robot acceleration) for matched gripping. If mechanical locking gripping is used, the grippable workpiece weight will be larger. The product comes with 4 finger location pins and 2 gripper location pins;

Extended Function - Dustproof type

Product Model	LT-TG2-50A-DP	LT-TG2-50A-CFM-DP	LT-TG2-50A-OFM-DP	LT-TG2-50B-DP	LT-TG2-50B-CFM-DP	LT-TG2-50B-OFM-DP
Item No.	F11020005	F11020010	F11020011	F11020009	F11020012	F11020013
IP grade (IP)	IP64	IP64	IP64	IP64	IP64	IP64
Purge air pressure (Mpa)	0.05~0.1	0.05~0.1	0.05~0.1	0.05~0.1	0.05~0.1	0.05~0.1
Product weight (kg)	0.22	0.25	0.25	0.22	0.25	0.25

Extended Function - High temperature type

Product Model	LT-TG2-50A-HT	LT-TG2-50A-CFM-HT	LT-TG2-50A-OFM-HT	LT-TG2-50B-HT	LT-TG2-50B-CFM-HT	LT-TG2-50B-OFM-HT
Item No.	F11020014	F11020015	F11020016	F11020017	F11020018	F11020019
Suitable temperature (°C)	5~130	5~130	5~130	5~130	5~130	5~130
Product weight (kg)	0.17	0.2	0.2	0.17	0.2	0.2

Model: LT-TG2-64series

- ▶ Stroke per jaw: 6mm/3mm
- ▶ Recommended grabbing weight: 1.45-2.95kg
- ▶ Gripper weight: 0.27-0.34kg
- ▶ Largest piston area design for maximum gripping force
- ▶ T-type guide rail design allows precise grasping of various workpieces



Model	LT-TG2-64A	LT-TG2-64A-CFM	LT-TG2-64A-OFM	LT-TG2-64B	LT-TG2-64B-CFM	LT-TG2-64B-OFM
Item No.	F11030001	F11030002	F11030003	F11030004	F11030005	F11030006
Stroke per jaw (mm)	6	6	6	3	3	3
Closing force(in the position of 20mm)	295	382	/	590	770	/
Opening force(in the position of 20mm)	327	/	414	655	/	835
The Min. holding force (N)	/	87	87	/	180	180
Recommended workpiece weight(kg)	1.45	1.45	1.45	2.95	2.95	2.95
Product weight (kg)	0.27	0.34	0.33	0.27	0.34	0.33
The Min. Air pressure (Mpa)	0.4	0.4	0.4	0.4	0.4	0.4
The Max. Air pressure (Mpa)	0.8	0.65	0.65	0.8	0.65	0.65
Rated air pressure (Mpa)	0.6	0.6	0.6	0.6	0.6	0.6
Suitable temperature (°C)	5~90	5~90	5~90	5~90	5~90	5~90
IP grade (IP)	IP40	IP40	IP40	IP40	IP40	IP40
Open/Close time (s)	0.03/0.03	0.04/0.02	0.02/0.04	0.03/0.03	0.04/0.02	0.02/0.04
Repeatability (mm)	0.01	0.01	0.01	0.01	0.01	0.01
Air consumption (cm ³) (Round trip)	10	17	21	10	17	21
The allowed longest fingers (mm)	90	85	85	85	80	80
The allowed heaviest single finger (kg)	0.35	0.35	0.35	0.35	0.35	0.35

The recommended workpiece weight is calculated under the conditions of friction coefficient 0.1 and safety factor 2 (not including robot acceleration) for matched gripping. If mechanical locking gripping is used, the grippable workpiece weight will be larger. The product comes with 4 finger location pins and 2 gripper location pins;

Extended Function - Dustproof type

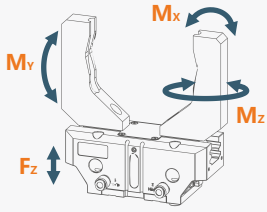
Product Model	LT-TG2-64A-DP	LT-TG2-64A-CFM-DP	LT-TG2-64A-OFM-DP	LT-TG2-64B-DP	LT-TG2-64B-CFM-DP	LT-TG2-64B-OFM-DP
Item No.	F11030007	F11030008	F11030009	F11030010	F11030011	F11030012
IP grade (IP)	IP64	IP64	IP64	IP64	IP64	IP64
Purge air pressure (Mpa)	0.05~0.1	0.05~0.1	0.05~0.1	0.05~0.1	0.05~0.1	0.05~0.1
Product weight (kg)	0.36	0.43	0.42	0.36	0.43	0.36

Extended Function - High temperature type

Product Model	LT-TG2-64A-HT	LT-TG2-64A-CFM-HT	LT-TG2-64A-OFM-HT	LT-TG2-64B-HT	LT-TG2-64B-CFM-HT	LT-TG2-64B-OFM-HT
Item No.	F11030014	F11030015	F11030016	F11030017	F11030018	F11030019
Suitable temperature (°C)	5~130	5~130	5~130	5~130	5~130	5~130
Product weight (kg)	0.27	0.34	0.33	0.27	0.34	0.33

Dimensions and Maximum Loads

Show the possible applied static moment and torque besides clamping force



M_x max. 40N.m

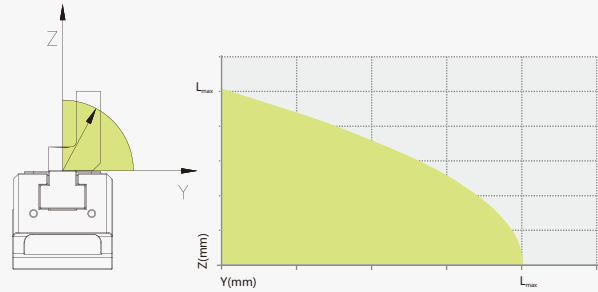
M_y max. 60N.m

M_z max. 40N.m

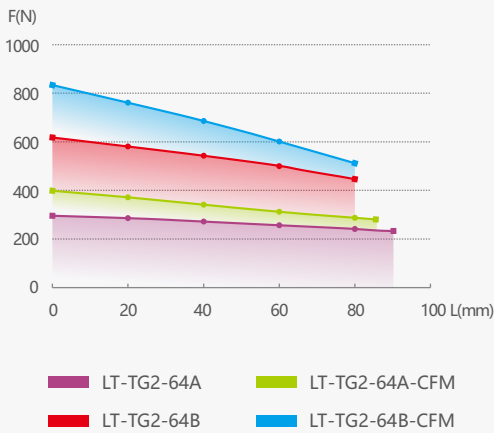
F_z max. 1100N

Maximum Permitted Finger Projection

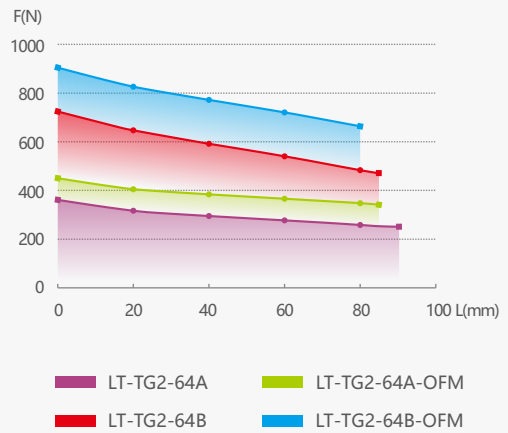
L_{max} is equal to the maximum permissible finger length. See technical data sheet.



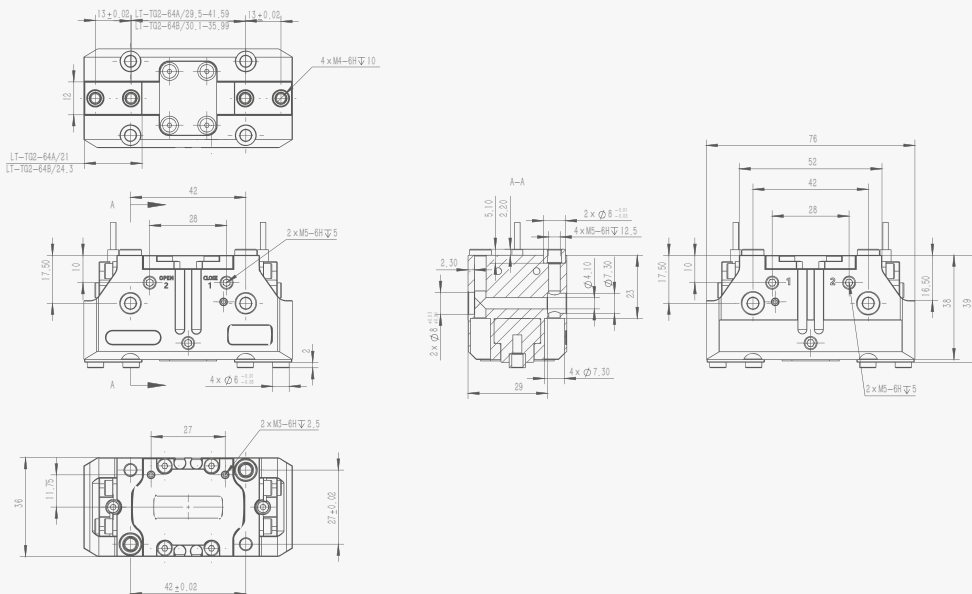
Closing Force Diagram



Opening Force Diagram



Dimensions



Model: LT-PG2-80series

- ▶ Stroke per jaw: 8mm/4mm
- ▶ Recommended grabbing weight: 2.2kg-4.3kg
- ▶ Small scale, long stroke, light weight grippers
- ▶ Sensitive sensor's sensing block, more flexibility
- ▶ Self-lubrication design, ensure safety of clamping
- ▶ Suitable for clamping small and medium components



Model	LT-PG2-80A	LT-PG2-80A-CFM	LT-PG2-80A-OFM	LT-PG2-80B	LT-PG2-80B-CFM	LT-PG2-80B-OFM
Item No.	F11040001	F11040002	F11040003	F11040005	F11040008	F11040009
Stroke per jaw (mm)	8	8	8	4	4	4
Closing force(in the position of 25mm)	440	590	/	865	1178	/
Opening force(in the position of 25mm)	500	/	650	980	/	1295
The Min. holding force (N)	/	150	150	/	315	315
Recommended workpiece weight(kg)	2.2	2.2	2.2	4.3	4.3	4.3
Product weight (kg)	0.5	0.61	0.59	0.52	0.63	0.61
The Min. Air pressure (Mpa)	0.4	0.4	0.4	0.4	0.4	0.4
The Max. Air pressure (Mpa)	0.8	0.65	0.65	0.8	0.65	0.65
Rated air pressure (Mpa)	0.6	0.6	0.6	0.6	0.6	0.6
Suitable temperature (°C)	5~90	5~90	5~90	5~90	5~90	5~90
IP grade (IP)	IP40	IP40	IP40	IP40	IP40	IP40
Open/Close time (s)	0.04/0.04	0.05/0.03	0.03/0.05	0.04/0.04	0.05/0.03	0.03/0.05
Repeatability (mm)	0.01	0.01	0.01	0.01	0.01	0.01
Air consumption (cm ³) (Round trip)	22	35	40	22	35	40
The allowed longest fingers (mm)	110	105	105	105	100	100
The allowed heaviest single finger (kg)	0.6	0.6	0.6	0.6	0.6	0.6

The recommended workpiece weight is calculated under the conditions of friction coefficient 0.1 and safety factor 2 (not including robot acceleration) for matched gripping. If mechanical locking gripping is used, the grippable workpiece weight will be larger. The product comes with 4 finger location pins and 2 gripper location pins;

Extended Function - Dustproof type

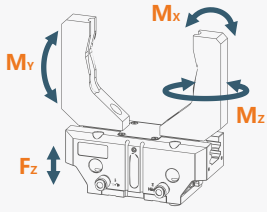
Product Model	LT-PG2-80A-DP	LT-PG2-80A-CFM-DP	LT-PG2-80A-OFM-DP	LT-PG2-80B-DP	LT-PG2-80B-CFM-DP	LT-PG2-80B-OFM-DP
Item No.	F11040004	F11040010	F11040011	F11040007	F11040013	F11040012
IP grade (IP)	IP64	IP64	IP64	IP64	IP64	IP64
Purge air pressure (Mpa)	0.05~0.1	0.05~0.1	0.05~0.1	0.05~0.1	0.05~0.1	0.05~0.1
Product weight (kg)	0.61	0.72	0.7	0.63	0.74	0.72

Extended Function - High temperature type

Product Model	LT-PG2-80A-HT	LT-PG2-80A-CFM-HT	LT-PG2-80A-OFM-HT	LT-PG2-80B-HT	LT-PG2-80B-CFM-HT	LT-PG2-80B-OFM-HT
Item No.	F11040014	F11040015	F11040016	F11040017	F11040018	F11040019
Suitable temperature (°C)	5~130	5~130	5~130	5~130	5~130	5~130
Product weight (kg)	0.5	0.61	0.59	0.52	0.63	0.61

Dimensions and Maximum Loads

Show the possible applied static moment and torque besides clamping force



M_x max. 60N.m

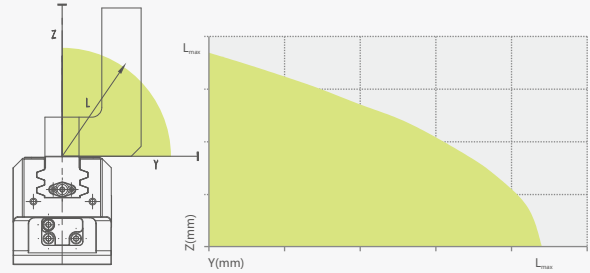
M_y max. 95N.m

M_z max. 55N.m

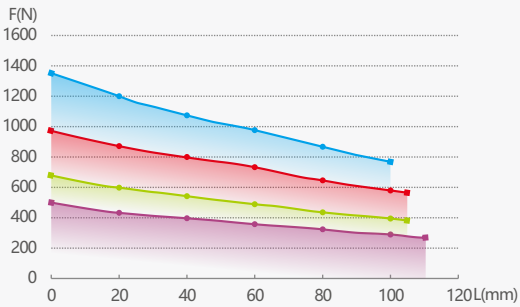
F_z max. 1500N

Maximum Permitted Finger Projection

L_{max} is equal to the maximum permissible finger length. See technical data sheet.

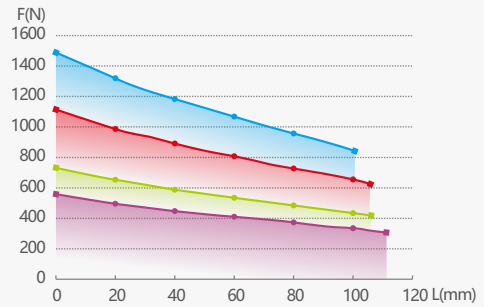


Closing Force Diagram



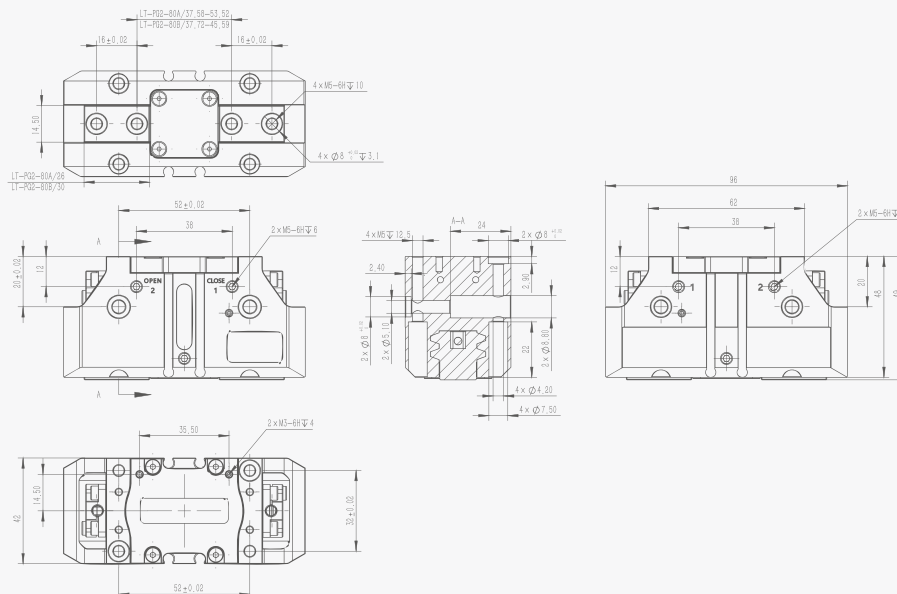
■ LT-PG2-80A ■ LT-PG2-80A-CFM
■ LT-PG2-80B ■ LT-PG2-80B-CFM

Opening Force Diagram



■ LT-PG2-80A ■ LT-PG2-80A-OFM
■ LT-PG2-80B ■ LT-PG2-80B-OFM

Dimensions



Model: LT-PG2-100series

- ▶ Stroke per jaw: 10mm/5mm
- ▶ Recommended grabbing weight: 3.5kg-7.1kg
- ▶ Universal two-finger gripper
- ▶ Self-lubrication design,ensure safety of clamping
- ▶ Standard solutions for multiple application areas
- ▶ Universal used in clean environments in machine building, assembly and handling, and the automotive industry



Model	LT-PG2-100A	LT-PG2-100A-CFM	LT-PG2-100A-OFM	LT-PG2-100B	LT-PG2-100B-CFM	LT-PG2-100B-OFM
Item No.	F11050001	F11050002	F11050003	F11050005	F11050009	F11050010
Stroke per jaw (mm)	10	10	10	5	5	5
Closing force(in the position of 30mm)	710	940	/	1420	1930	/
Opening force(in the position of 30mm)	780	/	1010	1570	/	2080
The Min. holding force (N)	/	230	230	/	510	510
Recommended workpiece weight(kg)	3.5	3.5	3.5	7.1	7.1	7.1
Product weight (kg)	0.83	0.98	0.93	0.83	0.98	0.93
The Min. Air pressure (Mpa)	0.4	0.4	0.4	0.4	0.4	0.4
The Max. Air pressure (Mpa)	0.8	0.65	0.65	0.8	0.65	0.65
Rated air pressure (Mpa)	0.6	0.6	0.6	0.6	0.6	0.6
Suitable temperature (°C)	5~90	5~90	5~90	5~90	5~90	5~90
IP grade (IP)	IP40	IP40	IP40	IP40	IP40	IP40
Open/Close time (s)	0.07/0.07	0.09/0.05	0.05/0.09	0.07/0.07	0.09/0.05	0.05/0.09
Repeatability (mm)	0.01	0.01	0.01	0.01	0.01	0.01
Air consumption (cm ³) (Round trip)	45	80	90	45	80	90
The allowed longest fingers (mm)	145	135	135	135	125	125
The allowed heaviest single finger (kg)	1.1	1.1	1.1	1.1	1.1	1.1

The recommended workpiece weight is calculated under the conditions of friction coefficient 0.1 and safety factor 2 (not including robot acceleration) for matched gripping. If mechanical locking gripping is used, the grippable workpiece weight will be larger. The product comes with 4 finger location pins and 2 gripper location pins;

Extended Function - Dustproof type

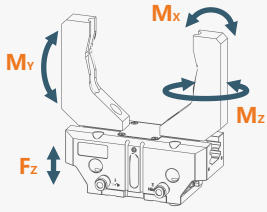
Product Model	LT-PG2-100A-DP	LT-PG2-100A-CFM-DP	LT-PG2-100A-OFM-DP	LT-PG2-100B-DP	LT-PG2-100B-CFM-DP	LT-PG2-100B-OFM-DP
Item No.	F11050004	F11050013	F11050008	F11050007	F11050012	F11050011
IP grade (IP)	IP64	IP64	IP64	IP64	IP64	IP64
Purge air pressure (Mpa)	0.05~0.1	0.05~0.1	0.05~0.1	0.05~0.1	0.05~0.1	0.05~0.1
Product weight (kg)	1	1.15	1.1	1	1.15	1.1

Extended Function - High temperature type

Product Model	LT-PG2-100A-HT	LT-PG2-100A-CFM-HT	LT-PG2-100A-OFM-HT	LT-PG2-100B-HT	LT-PG2-100B-CFM-HT	LT-PG2-100B-OFM-HT
Item No.	F11050014	F11050015	F11050016	F11050017	F11050018	F11050019
Suitable temperature (°C)	5~130	5~130	5~130	5~130	5~130	5~130
Product weight (kg)	0.83	0.98	0.93	0.83	0.98	0.93

Dimensions and Maximum Loads

Show the possible applied static moment and torque besides clamping force



M_x max. 80N.m

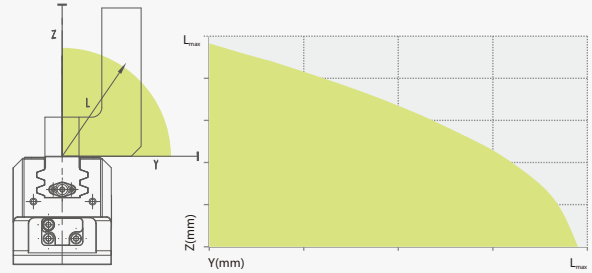
M_y max. 115N.m

M_z max. 70N.m

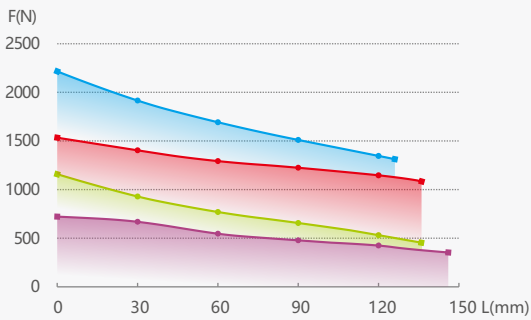
F_z max. 2000N

Maximum Permitted Finger Projection

L_{max} is equal to the maximum permissible finger length. See technical data sheet.

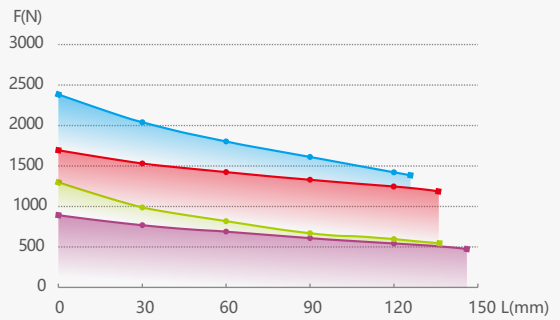


Closing Force Diagram



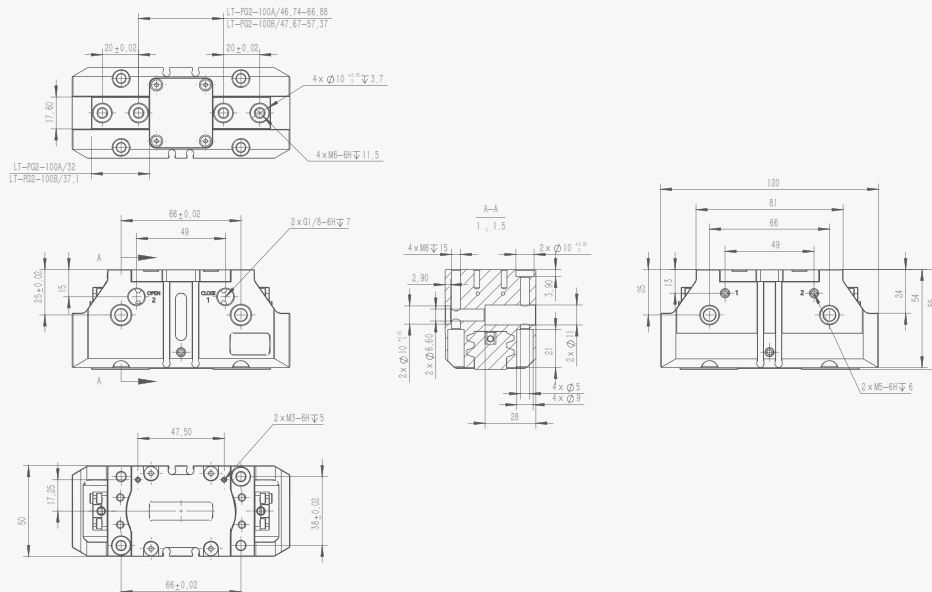
■ LT-PG2-100A ■ LT-PG2-100A-CFM
■ LT-PG2-100B ■ LT-PG2-100B-CFM

Opening Force Diagram



■ LT-PG2-100A ■ LT-PG2-100A-OFM
■ LT-PG2-100B ■ LT-PG2-100B-OFM

Dimensions



Model: LT-PG2-125series

- ▶ Stroke per jaw: 13mm/6.5mm
- ▶ Recommended grabbing weight: 5.8kg~11.7kg
- ▶ Universal two-finger gripper Longer gripping stroke
- ▶ Toothed slide rail design allows precise grasping of all types of workpieces
- ▶ Self-lubricating design, extended maintenance intervals
- ▶ Pneumatic general purpose gripper for handling workpieces in general applications



Model	LT-PG2-125A	LT-PG2-125A-CFM	LT-PG2-125A-OFM	LT-PG2-125B	LT-PG2-125B-CFM	LT-PG2-125B-OFM
Item No.	F11060001	F11060002	F11060004	F11060003	F11060008	F11060009
Stroke per jaw (mm)	13	13	13	6.5	6.5	6.5
Closing force(in the position of 30mm)	1160	1560	/	2340	3170	/
Opening force(in the position of 30mm)	1260	/	1660	2540	/	3370
The Min. holding force (N)	/	400	400	/	830	830
Recommended workpiece weight(kg)	5.8	5.8	5.8	11.7	11.7	11.7
Product weight (kg)	1.38	1.76	1.8	1.42	1.8	1.84
The Min. Air pressure (Mpa)	0.4	0.4	0.4	0.4	0.4	0.4
The Max. Air pressure (Mpa)	0.8	0.65	0.65	0.8	0.65	0.65
Rated air pressure (Mpa)	0.6	0.6	0.6	0.6	0.6	0.6
Suitable temperature (°C)	5~90	5~90	5~90	5~90	5~90	5~90
IP grade (IP)	IP40	IP40	IP40	IP40	IP40	IP40
Open/Close time (s)	0.1/0.1	0.12/0.08	0.08/0.12	0.1/0.1	0.12/0.08	0.08/0.12
Repeatability (mm)	0.01	0.01	0.01	0.01	0.01	0.01
Air consumption (cm ³) (Round trip)	87	120	165	87	120	165
The allowed longest fingers (mm)	180	170	170	170	160	160
The allowed heaviest single finger (kg)	2.1	2.1	2.1	2.1	2.1	2.1

The recommended workpiece weight is calculated under the conditions of friction coefficient 0.1 and safety factor 2 (not including robot acceleration) for matched gripping. If mechanical locking gripping is used, the grippable workpiece weight will be larger. The product comes with 4 finger location pins and 2 gripper location pins;

Extended Function - Dustproof type

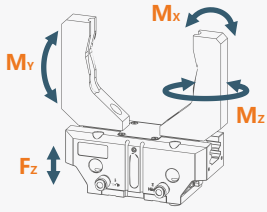
Product Model	LT-PG2-125A-DP	LT-PG2-125A-CFM-DP	LT-PG2-125A-OFM-DP	LT-PG2-125B-DP	LT-PG2-125B-CFM-DP	LT-PG2-125B-OFM-DP
Item No.	F11060007	F11060010	F11060011	F11060006	F11060013	F11060014
IP grade (IP)	IP64	IP64	IP64	IP64	IP64	IP64
Purge air pressure (Mpa)	0.05~0.1	0.05~0.1	0.05~0.1	0.05~0.1	0.05~0.1	0.05~0.1
Product weight (kg)	1.61	1.99	2.03	1.65	2.03	2.07

Extended Function - High temperature type

Product Model	LT-PG2-125A-HT	LT-PG2-125A-CFM-HT	LT-PG2-125A-OFM-HT	LT-PG2-125B-HT	LT-PG2-125B-CFM-HT	LT-PG2-125B-OFM-HT
Item No.	F11060015	F11060012	F11060016	F11060017	F11060018	F11060019
Suitable temperature (°C)	5~130	5~130	5~130	5~130	5~130	5~130
Product weight (kg)	1.38	1.76	1.8	1.42	1.8	1.84

Dimensions and Maximum Loads

Show the possible applied static moment and torque besides clamping force



Mx max. 120N.m

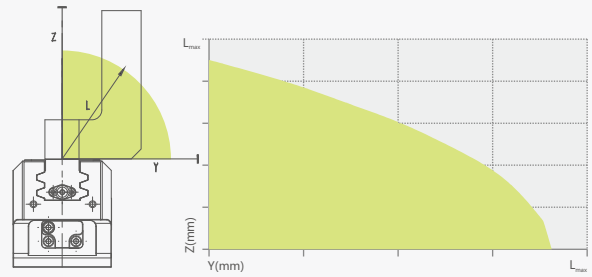
My max. 145N.m

Mz max. 100N.m

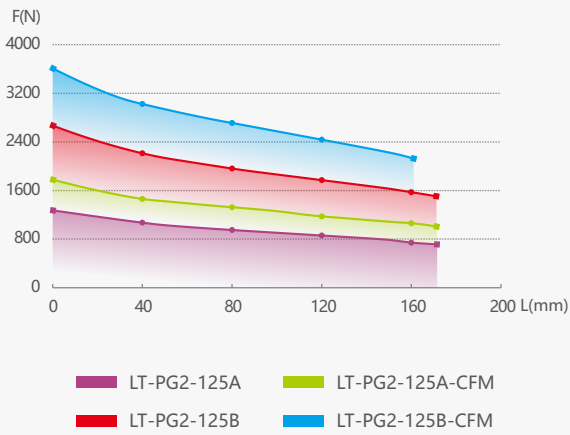
Fz max. 2800N

Maximum Permitted Finger Projection

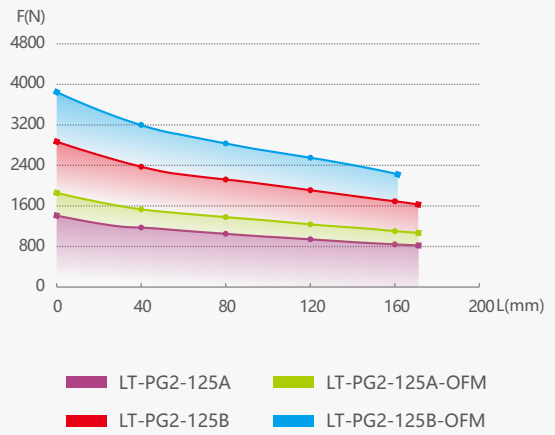
Lmax is equal to the maximum permissible finger length. See technical data sheet.



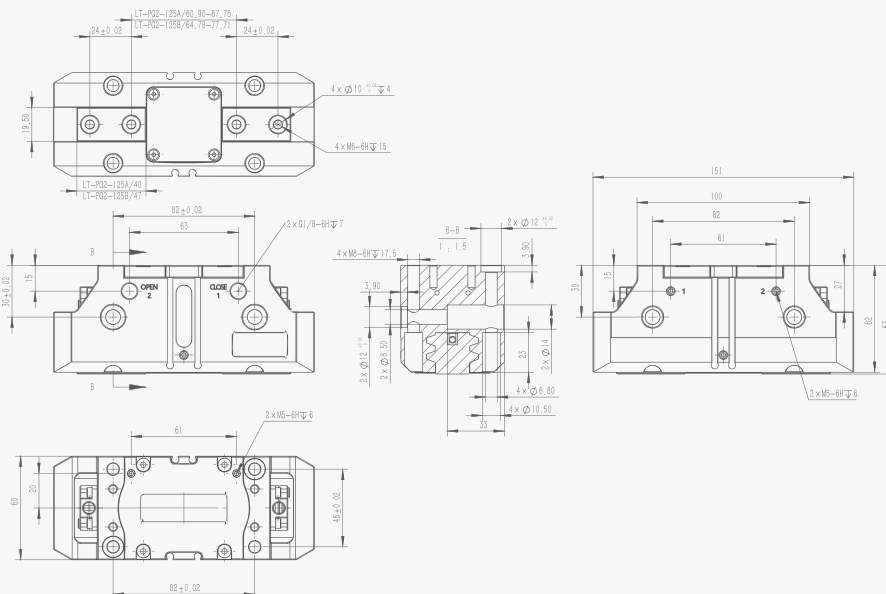
Closing Force Diagram



Opening Force Diagram



Dimensions



Model: LT-PG2-160series

- ▶ Stroke per jaw: 16mm/8mm
- ▶ Recommended grabbing weight: 8.5kg-17kg
- ▶ Long-range two-finger gripper with wider gripping space
- ▶ Unique toothed slide rail design ensures reliable clamping
- ▶ Tens of millions of opening and closing non-destructive fatigue tests
- ▶ Self-lubricating design, extended maintenance intervals, standard solution for multiple applications



Model	LT-PG2-160A	LT-PG2-160A-CFM	LT-PG2-160A-OFM	LT-PG2-160B	LT-PG2-160B-CFM	LT-PG2-160B-OFM
Item No.	F11070001	F11070002	F11070003	F11070005	F11070008	F11070009
Stroke per jaw (mm)	16	16	16	8	8	8
Closing force(in the position of 35mm)	1785	2325	/	3430	4500	/
Opening force(in the position of 35mm)	1940	/	2480	3730	/	4800
The Min. holding force (N)	/	540	540	/	1070	1070
Recommended workpiece weight(kg)	8.5	8.5	8.5	17	17	17
Product weight (kg)	2.7	3.3	3.24	2.8	3.4	3.33
The Min. Air pressure (Mpa)	0.4	0.4	0.4	0.4	0.4	0.4
The Max. Air pressure (Mpa)	0.8	0.65	0.65	0.8	0.65	0.65
Rated air pressure (Mpa)	0.6	0.6	0.6	0.6	0.6	0.6
Suitable temperature (°C)	5~90	5~90	5~90	5~90	5~90	5~90
IP grade (IP)	IP40	IP40	IP40	IP40	IP40	IP40
Open/Close time (s)	0.15/0.15	0.25/0.12	0.12/0.25	0.15/0.15	0.25/0.12	0.12/0.25
Repeatability (mm)	0.01	0.01	0.01	0.01	0.01	0.01
Air consumption (cm ³) (Round trip)	165	210	265	165	210	265
The allowed longest fingers (mm)	220	210	210	210	200	200
The allowed heaviest single finger (kg)	3.5	3.5	3.5	3.5	3.5	3.5

The recommended workpiece weight is calculated under the conditions of friction coefficient 0.1 and safety factor 2 (not including robot acceleration) for matched gripping. If mechanical locking gripping is used, the grippable workpiece weight will be larger. The product comes with 4 finger location pins and 2 gripper location pins;

Extended Function - Dustproof type

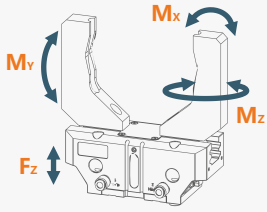
Product Model	LT-PG2-160A-DP	LT-PG2-160A-CFM-DP	LT-PG2-160A-OFM-DP	LT-PG2-160B-DP	LT-PG2-160B-CFM-DP	LT-PG2-160B-OFM-DP
Item No.	F11070004	F11070011	F11070012	F11070007	F11070013	F11070014
IP grade (IP)	IP64	IP64	IP64	IP64	IP64	IP64
Purge air pressure (Mpa)	0.05~0.1	0.05~0.1	0.05~0.1	0.05~0.1	0.05~0.1	0.05~0.1
Product weight (kg)	3.1	3.7	3.6	3.2	3.8	3.7

Extended Function - High temperature type

Product Model	LT-PG2-160A-HT	LT-PG2-160A-CFM-HT	LT-PG2-160A-OFM-HT	LT-PG2-160B-HT	LT-PG2-160B-CFM-HT	LT-PG2-160B-OFM-HT
Item No.	F11070015	F11070010	F11070016	F11070017	F11070018	F11070019
Suitable temperature (°C)	5~130	5~130	5~130	5~130	5~130	5~130
Product weight (kg)	2.7	3.3	3.24	2.8	3.4	3.33

Dimensions and Maximum Loads

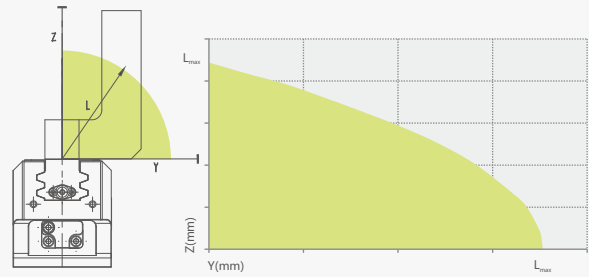
Show the possible applied static moment and torque besides clamping force



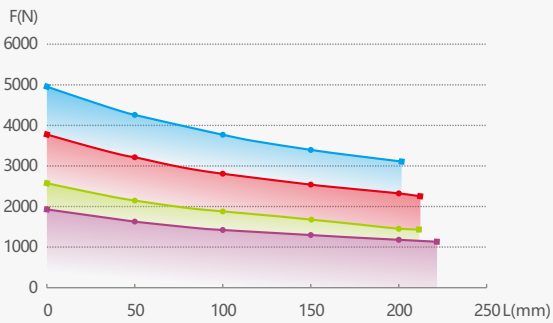
M_x max.	170N.m
M_y max.	180N.m
M_z max.	130N.m
F_z max.	4300N

Maximum Permitted Finger Projection

L_{max} is equal to the maximum permissible finger length. See technical data sheet.

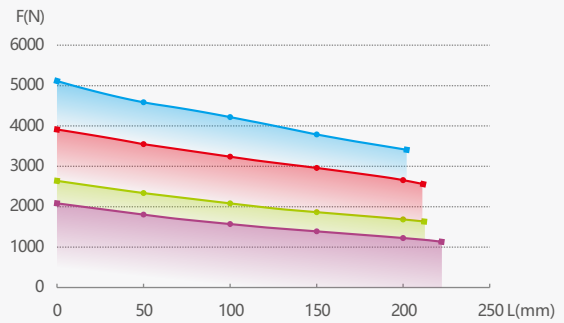


Closing Force Diagram



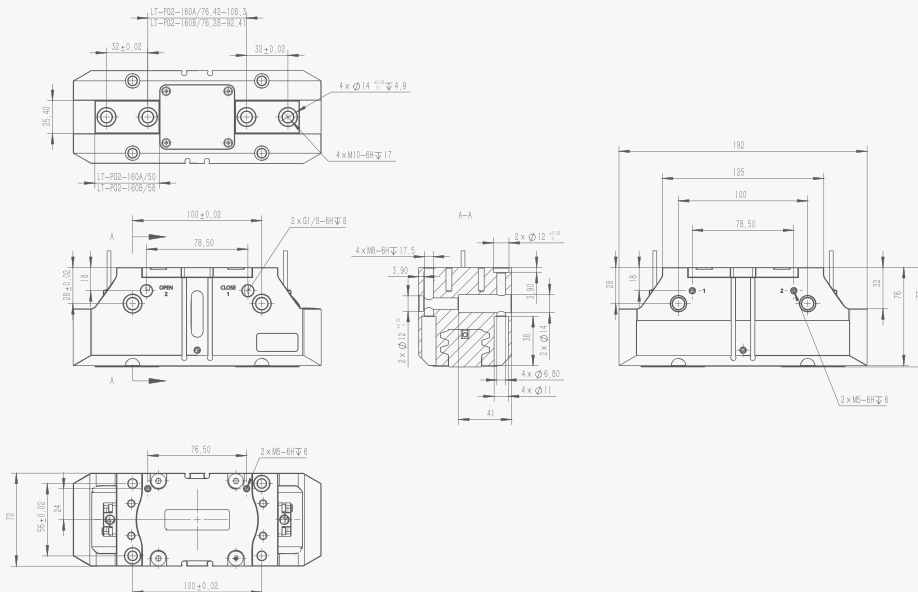
■ LT-PG2-160A ■ LT-PG2-160A-CFM
■ LT-PG2-160B ■ LT-PG2-160B-CFM

Opening Force Diagram



■ LT-PG2-160A ■ LT-PG2-160A-OFM
■ LT-PG2-160B ■ LT-PG2-160B-OFM

Dimensions



Model: LT-PG2-200series

- ▶ Stroke per jaw: 25mm/14mm
- ▶ Recommended grabbing weight: 14.5kg-25kg
- ▶ Universal two-finger gripper
- ▶ Toothed slide rail design allows precise grasping of all types of workpieces
- ▶ Self-lubricating design, extended maintenance intervals
- ▶ Standard solutions for multiple application areas



Model	LT-PG2-200A	LT-PG2-200A-CFM	LT-PG2-200A-OFM	LT-PG2-200B	LT-PG2-200B-CFM	LT-PG2-200B-OFM
Item No.	F11080003	F11080004	F11080005	F11080008	F11080009	F11080010
Stroke per jaw (mm)	25	25	25	14	14	14
Closing force(in the position of 50mm)	2960	3860	/	5090	6640	/
Opening force(in the position of 50mm)	3110	/	4010	5350	/	6900
The Min. holding force (N)	/	900	900	/	1550	1550
Recommended workpiece weight(kg)	14.5	14.5	14.5	25	25	25
Product weight (kg)	5.1	6.4	6.3	5.3	6.6	6.5
The Min. Air pressure (Mpa)	0.4	0.4	0.4	0.4	0.4	0.4
The Max. Air pressure (Mpa)	0.8	0.65	0.65	0.8	0.65	0.65
Rated air pressure (Mpa)	0.6	0.6	0.6	0.6	0.6	0.6
Suitable temperature (°C)	5~90	5~90	5~90	5~90	5~90	5~90
IP grade (IP)	IP40	IP40	IP40	IP40	IP40	IP40
Open/Close time (s)	0.35/0.35	0.6/0.3	0.3/0.6	0.35/0.35	0.6/0.3	0.3/0.6
Repeatability (mm)	0.02	0.02	0.02	0.02	0.02	0.02
Air consumption (cm ³) (Round trip)	385	500	620	385	500	620
The allowed longest fingers (mm)	280	240	240	240	200	200
The allowed heaviest single finger (kg)	6.5	6.5	6.5	6.5	6.5	6.5

The recommended workpiece weight is calculated under the conditions of friction coefficient 0.1 and safety factor 2 (not including robot acceleration) for matched gripping. If mechanical locking gripping is used, the grippable workpiece weight will be larger. The product comes with 4 finger location pins and 2 gripper location pins;

Extended Function - Dustproof type

Product Model	LT-PG2-200A-DP	LT-PG2-200A-CFM-DP	LT-PG2-200A-OFM-DP	LT-PG2-200B-DP	LT-PG2-200B-CFM-DP	LT-PG2-200B-OFM-DP
Item No.	F11080007	F11080011	F11080012	F11080002	F11080013	F11080014
IP grade (IP)	IP64	IP64	IP64	IP64	IP64	IP64
Purge air pressure (Mpa)	0.05~0.1	0.05~0.1	0.05~0.1	0.05~0.1	0.05~0.1	0.05~0.1
Product weight (kg)	5.6	6.9	6.8	5.8	7.1	7

Extended Function - High temperature type

Product Model	LT-PG2-200A-HT	LT-PG2-200A-CFM-HT	LT-PG2-200A-OFM-HT	LT-PG2-200B-HT	LT-PG2-200B-CFM-HT	LT-PG2-200B-OFM-HT
Item No.	F11080015	F11080016	F11080017	F11080018	F11080019	F11080020
Suitable temperature (°C)	5~130	5~130	5~130	5~130	5~130	5~130
Product weight (kg)	5.1	6.4	6.3	5.3	6.6	6.5

Model: LT-PG2-240series

- ▶ Stroke per jaw: 30mm/17mm
- ▶ Recommended grabbing weight: 21.5kg-37kg
- ▶ Two-finger gripper Longer gripping stroke
- ▶ Self-lubricating design, extended maintenance intervals
- ▶ Unique toothed slide rail design ensures reliable clamping
- ▶ Suitable for handling and clamping in various industries



Model	LT-PG2-240A	LT-PG2-240A-CFM	LT-PG2-240A-OFM	LT-PG2-240B	LT-PG2-240B-CFM	LT-PG2-240B-OFM
Item No.	F11090002	F11090003	F11090004	F11090006	F11090007	F11090008
Stroke per jaw (mm)	30	30	30	17	17	17
Closing force(in the position of 40mm)	4300	4380	/	7390	9290	/
Opening force(in the position of 40mm)	4520	/	5600	7770	/	9670
The Min. holding force (N)	/	1080	1080	/	1900	1900
Recommended workpiece weight(kg)	21.5	21.5	21.5	37	37	37
Product weight (kg)	7.9	10	9.7	8.2	10.3	10
The Min. Air pressure (Mpa)	0.4	0.4	0.4	0.4	0.4	0.4
The Max. Air pressure (Mpa)	0.8	0.65	0.65	0.8	0.65	0.65
Rated air pressure (Mpa)	0.6	0.6	0.6	0.6	0.6	0.6
Suitable temperature (°C)	5~90	5~90	5~90	5~90	5~90	5~90
IP grade (IP)	IP40	IP40	IP40	IP40	IP40	IP40
Open/Close time (s)	0.45/0.45	0.65/0.35	0.35/0.65	0.45/0.45	0.65/0.35	0.35/0.65
Repeatability (mm)	0.04	0.04	0.04	0.04	0.04	0.04
Air consumption (cm ³) (Round trip)	650	800	1000	650	800	1000
The allowed longest fingers (mm)	320	280	280	280	240	240
The allowed heaviest single finger (kg)	8.5	8.5	8.5	8.5	8.5	8.5

The recommended workpiece weight is calculated under the conditions of friction coefficient 0.1 and safety factor 2 (not including robot acceleration) for matched gripping. If mechanical locking gripping is used, the grippable workpiece weight will be larger. The product comes with 4 finger location pins and 2 gripper location pins;

Extended Function - Dustproof type

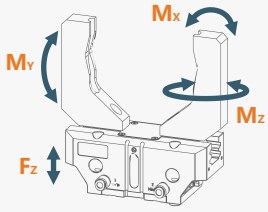
Product Model	LT-PG2-240A-DP	LT-PG2-240A-CFM-DP	LT-PG2-240A-OFM-DP	LT-PG2-240B-DP	LT-PG2-240B-CFM-DP	LT-PG2-240B-OFM-DP
Item No.	F11090005	F11090010	F11090011	F11090009	F11090012	F11090013
IP grade (IP)	IP64	IP64	IP64	IP64	IP64	IP64
Purge air pressure (Mpa)	0.05~0.1	0.05~0.1	0.05~0.1	0.05~0.1	0.05~0.1	0.05~0.1
Product weight (kg)	8.6	10.7	10.4	8.9	11	10.7

Extended Function - High temperature type

Product Model	LT-PG2-240A-HT	LT-PG2-240A-CFM-HT	LT-PG2-240A-OFM-HT	LT-PG2-240B-HT	LT-PG2-240B-CFM-HT	LT-PG2-240B-OFM-HT
Item No.	F11090014	F11090015	F11090016	F11090017	F11090018	F11090019
Suitable temperature (°C)	5~130	5~130	5~130	5~130	5~130	5~130
Product weight (kg)	7.9	10	9.7	8.2	10.3	10

Dimensions and Maximum Loads

Show the possible applied static moment and torque besides clamping force



M_x max. 260N.m

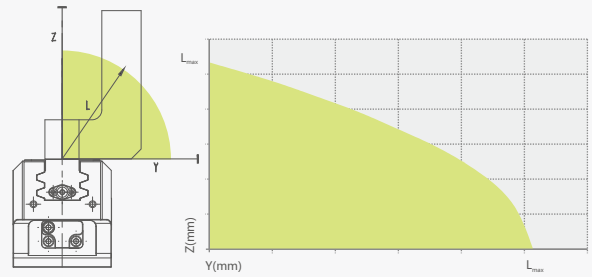
M_y max. 250N.m

M_z max. 160N.m

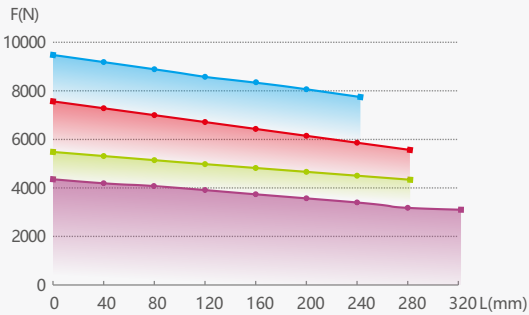
F_z max. 6200N

Maximum Permitted Finger Projection

L_{max} is equal to the maximum permissible finger length. See technical data sheet.

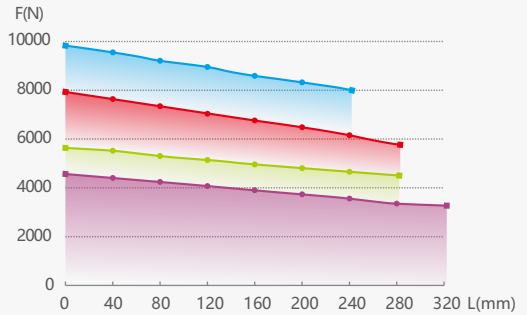


Closing Force Diagram



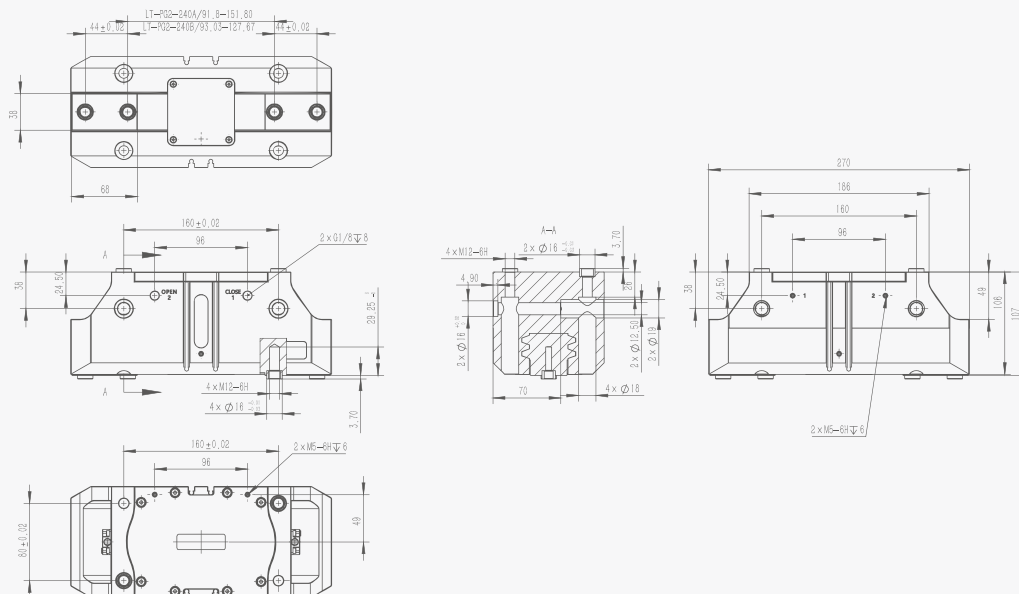
LT-PG2-240A LT-PG2-240A-CFM
 LT-PG2-240B LT-PG2-240B-CFM

Opening Force Diagram



LT-PG2-240A LT-PG2-240A-OFM
 LT-PG2-240B LT-PG2-240B-OFM

Dimensions



Model: LT-PG2-300series

- ▶ Stroke per jaw: 35mm/20mm
- ▶ Recommended grabbing weight: 29kg-49.5kg
- ▶ Two-finger gripper Longer gripping stroke
- ▶ Self-lubricating design, extended maintenance intervals
- ▶ Unique toothed slide rail design ensures reliable clamping
- ▶ Suitable for handling and clamping in various industries



Model	LT-PG2-300A	LT-PG2-300A-CFM	LT-PG2-300A-OFM	LT-PG2-300B	LT-PG2-300B-CFM	LT-PG2-300B-OFM
Item No.	F11100001	F11100002	F11100003	F11100005	F11100006	F11100007
Stroke per jaw (mm)	35	35	35	20	20	20
Closing force(in the position of 50mm)	5780	7190	/	9930	12330	/
Opening force(in the position of 50mm)	6030	/	7440	10360	/	12760
The Min. holding force (N)	/	1410	1410	/	2400	2400
Recommended workpiece weight(kg)	29	29	29	49.5	49.5	49.5
Product weight (kg)	13.2	15.6	15.3	13.7	16.1	15.8
The Min. Air pressure (Mpa)	0.4	0.4	0.4	0.4	0.4	0.4
The Max. Air pressure (Mpa)	0.8	0.65	0.65	0.8	0.65	0.65
Rated air pressure (Mpa)	0.6	0.6	0.6	0.6	0.6	0.6
Suitable temperature (°C)	5~90	5~90	5~90	5~90	5~90	5~90
IP grade (IP)	IP40	IP40	IP40	IP40	IP40	IP40
Open/Close time (s)	0.5/0.5	0.7/0.4	0.4/0.7	0.5/0.5	0.7/0.4	0.4/0.7
Repeatability (mm)	0.05	0.05	0.05	0.05	0.05	0.05
Air consumption (cm ³) (Round trip)	1040	1300	1560	1040	1300	1560
The allowed longest fingers (mm)	350	300	300	300	250	250
The allowed heaviest single finger (kg)	11.5	11.5	11.5	11.5	11.5	11.5

The recommended workpiece weight is calculated under the conditions of friction coefficient 0.1 and safety factor 2 (not including robot acceleration) for matched gripping. If mechanical locking gripping is used, the grippable workpiece weight will be larger. The product comes with 4 finger location pins and 2 gripper location pins;

Extended Function - Dustproof type

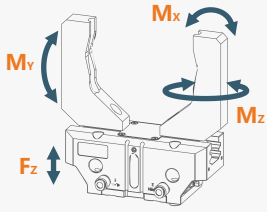
Product Model	LT-PG2-300A-DP	LT-PG2-300A-CFM-DP	LT-PG2-300A-OFM-DP	LT-PG2-300B-DP	LT-PG2-300B-CFM-DP	LT-PG2-300B-OFM-DP
Item No.	F11100004	F11100010	F11100011	F11100008	F11100012	F11100013
IP grade (IP)	IP64	IP64	IP64	IP64	IP64	IP64
Purge air pressure (Mpa)	0.05~0.1	0.05~0.1	0.05~0.1	0.05~0.1	0.05~0.1	0.05~0.1
Product weight (kg)	14.2	16.6	16.3	14.7	17.1	17.7

Extended Function - High temperature type

Product Model	LT-PG2-300A-HT	LT-PG2-300A-CFM-HT	LT-PG2-300A-OFM-HT	LT-PG2-300B-HT	LT-PG2-300B-CFM-HT	LT-PG2-300B-OFM-HT
Item No.	F13100021	F11100014	F11100015	F11100016	F11100017	F11100018
Suitable temperature (°C)	5~130	5~130	5~130	5~130	5~130	5~130
Product weight (kg)	13.2	15.6	15.3	13.7	16.1	15.8

Dimensions and Maximum Loads

Show the possible applied static moment and torque besides clamping force



M_x max. 400N.m

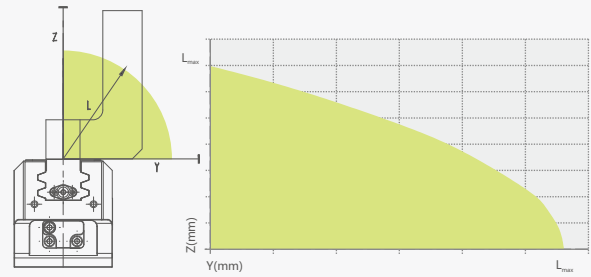
M_y max. 400N.m

M_z max. 250N.m

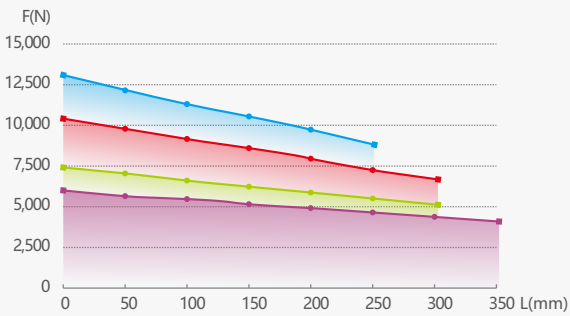
F_z max. 8000N

Maximum Permitted Finger Projection

L_{max} is equal to the maximum permissible finger length. See technical data sheet.

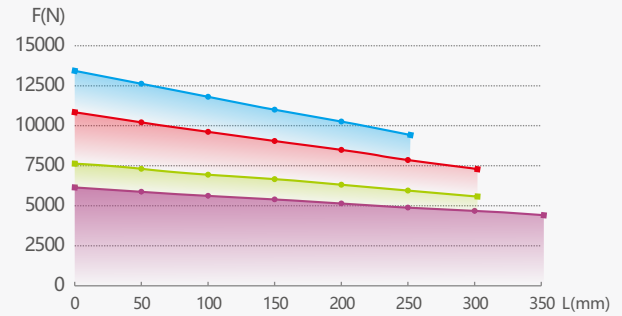


Closing Force Diagram



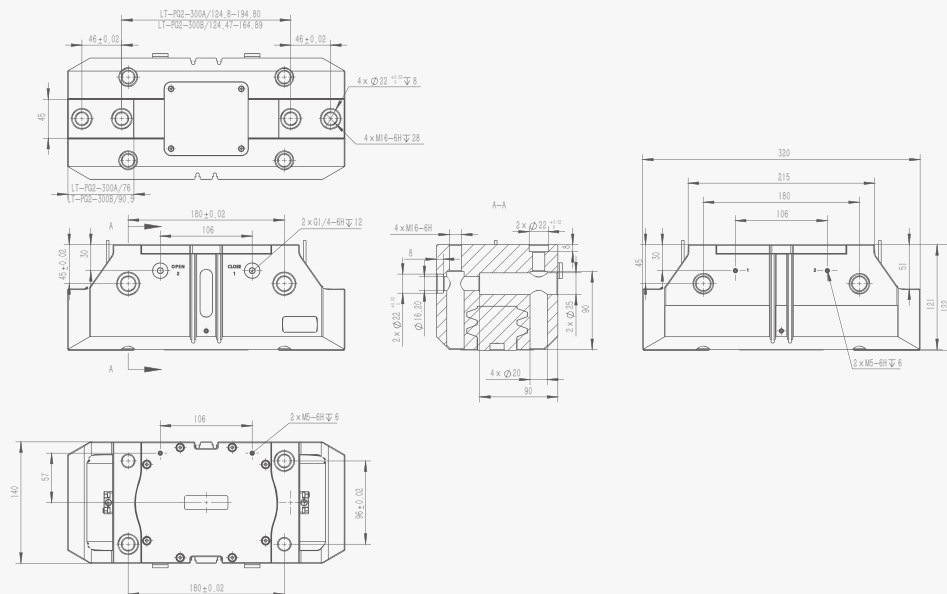
■ LT-PG2-300A ■ LT-PG2-300A-CFM
■ LT-PG2-300B ■ LT-PG2-300B-CFM

Opening Force Diagram



■ LT-PG2-300A ■ LT-PG2-300A-OFM
■ LT-PG2-300B ■ LT-PG2-300B-OFM

Dimensions



Model: LT-PG2-380series

- ▶ Stroke per jaw: 45mm/26mm
- ▶ Recommended grabbing weight: 48kg-82.5kg
- ▶ Two-finger gripper Longer gripping stroke
- ▶ Self-lubricating design, extended maintenance intervals
- ▶ Unique toothed slide rail design ensures reliable clamping
- ▶ Suitable for handling and clamping in various industries



Model	LT-PG2-380A	LT-PG2-380A-CFM	LT-PG2-380A-OFM	LT-PG2-380B	LT-PG2-380B-CFM	LT-PG2-380B-OFM
Item No.	F11110001	F11110002	F11110003	F11110004	F11110005	F11110006
Stroke per jaw (mm)	45	45	45	26	26	26
Closing force(in the position of 50mm)	9630	13830	/	16550	23750	/
Opening force(in the position of 50mm)	10160	/	14360	17460	/	24660
The Min. holding force (N)	/	4200	4200	/	7200	7200
Recommended workpiece weight(kg)	48	48	48	82.5	82.5	82.5
Product weight (kg)	26	31	30.5	27	32	31.5
The Min. Air pressure (Mpa)	0.4	0.4	0.4	0.4	0.4	0.4
The Max. Air pressure (Mpa)	0.8	0.65	0.65	0.8	0.65	0.65
Rated air pressure (Mpa)	0.6	0.6	0.6	0.6	0.6	0.6
Suitable temperature (°C)	5~90	5~90	5~90	5~90	5~90	5~90
IP grade (IP)	IP40	IP40	IP40	IP40	IP40	IP40
Open/Close time (s)	0.6/0.6	0.8/0.5	0.5/0.8	0.6/0.6	0.8/0.5	0.5/0.8
Repeatability (mm)	0.05	0.05	0.05	0.05	0.05	0.05
Air consumption (cm ³) (Round trip)	2280	2700	3170	2280	2700	3170
The allowed longest fingers (mm)	400	350	350	350	300	300
The allowed heaviest single finger (kg)	17	17	17	17	17	17

The recommended workpiece weight is calculated under the conditions of friction coefficient 0.1 and safety factor 2 (not including robot acceleration) for matched gripping. If mechanical locking gripping is used, the grippable workpiece weight will be larger. The product comes with 4 finger location pins and 2 gripper location pins;

Extended Function - Dustproof type

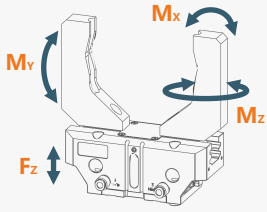
Product Model	LT-PG2-380A-DP	LT-PG2-380A-CFM-DP	LT-PG2-380A-OFM-DP	LT-PG2-380B-DP	LT-PG2-380B-CFM-DP	LT-PG2-380B-OFM-DP
Item No.	F11110007	F11110008	F11110009	F11110010	F11110011	F11110012
IP grade (IP)	IP64	IP64	IP64	IP64	IP64	IP64
Purge air pressure (Mpa)	0.05~0.1	0.05~0.1	0.05~0.1	0.05~0.1	0.05~0.1	0.05~0.1
Product weight (kg)	28.7	33.7	33.2	29.7	34.7	34.2

Extended Function - High temperature type

Product Model	LT-PG2-380A-HT	LT-PG2-380A-CFM-HT	LT-PG2-380A-OFM-HT	LT-PG2-380B-HT	LT-PG2-380B-CFM-HT	LT-PG2-380B-OFM-HT
Item No.	F11110014	F11110015	F11110016	F11110017	F11110018	F11110019
Suitable temperature (°C)	5~130	5~130	5~130	5~130	5~130	5~130
Product weight (kg)	26	31	30.5	27	32	31.5

Dimensions and Maximum Loads

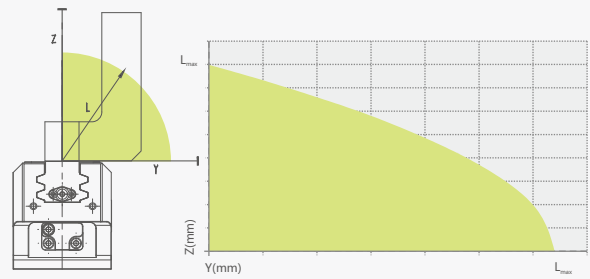
Show the possible applied static moment and torque besides clamping force



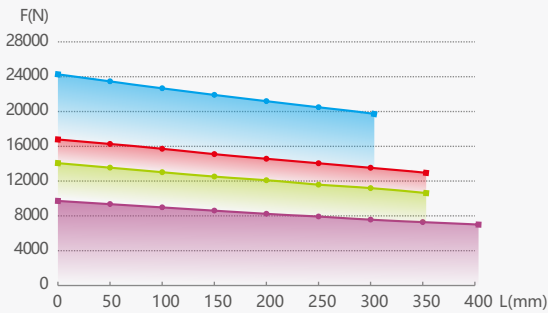
M_x max.	560N.m
M_y max.	560N.m
M_z max.	370N.m
F_z max.	10000N

Maximum Permitted Finger Projection

L_{max} is equal to the maximum permissible finger length. See technical data sheet.

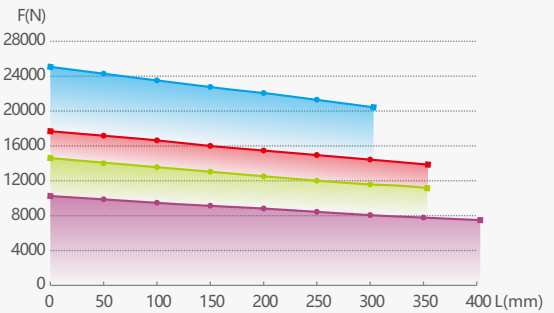


Closing Force Diagram



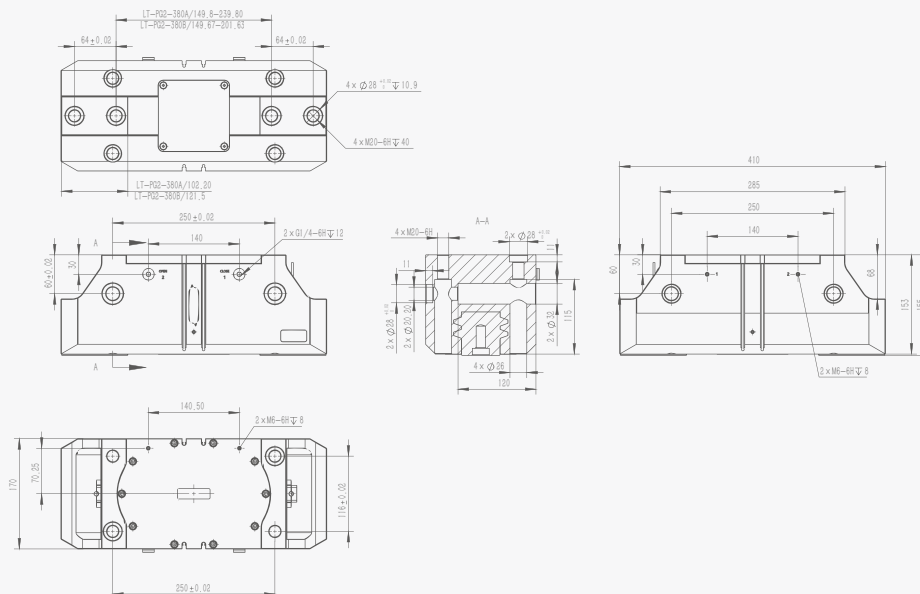
- LT-PG2-380A
- LT-PG2-380A-CFM
- LT-PG2-380B
- LT-PG2-380B-CFM

Opening Force Diagram



- LT-PG2-380A
- LT-PG2-380A-OFM
- LT-PG2-380B
- LT-PG2-380B-OFM

Dimensions



HOW TO MAKE A QUICK SELECTION

Please follow below steps to make a selection of suitable grippers quickly, and welcome contact with us if you want to know more details.



Confirm the grippers type

Confirm the grippers type by workpiece shape and the grabbing method:
Two-fingers parallel mechanism grippers or Three-finger centering mechanism grippers.



Select grippers model

Select several model of grippers by workpiece weight (the needed clamping force to grab), choose the suitable friction coefficient and safety coefficient, etc.
Product parameters [recommended workpiece weight] are calculated under the premise of friction coefficient 0.1 and safety factor 2, without considering the acceleration of gravity of the robot.
The product parameters closing force and opening force are the arithmetical sum of the gripping forces of all fingers.



Confirm clamping position

Determine the appropriate clamping position and clamping method of the workpiece (inner support, outer clamp, etc.) according to the three-dimensional size and center of mass position of the workpiece.



Calculated finger length

Calculate the finger length required to clamp the workpiece based on the clamping position and working conditions of the workpiece



Verify diagram parameters

According to the length of the finger, check the [Finger Length Allowable Range Chart] to see if it is allowed to be used, and verify whether the clamp output force meets the requirements based on the [Closing Force/Opening Force Chart]



Confirm usage requirements

Determine whether the temperature range, protection level, maximum and minimum air pressure, repeatability, etc. meet the requirements...

SELECTION CONSIDERATIONS

Note1: Select grippers with suitable stroke and finger length

①Single workpiece clamping: When selecting the jaw stroke, friction locking does not need to be considered, but mechanical locking needs to be calculated.

②Multiple workpiece clamping: The stroke of the clamping jaws must be greater than half of the difference between the maximum and minimum dimensions of the workpiece in the same clamping position.

Choose the right finger length: If the fingers are too long, too large, or too heavy, the inertia force or bending moment during the opening and closing movement of the jaws will have an impact on the jaws and the workpiece, which may cause the jaws to perform poorly, the workpiece to be damaged, or the workpiece to fail to hold.

Note 2: Calculate the mass of the workpiece and the required clamping force

①Friction locking (for example)

Friction locking is the process of clamping the workpiece through the static friction force generated by the clamping force. The required clamping force is calculated according to the formula.

$$F_G = \frac{m \times (g+a)}{n \times \mu} \times S$$

F_G : Clamping force per jaw (N)

m : Workpiece weight (kg)

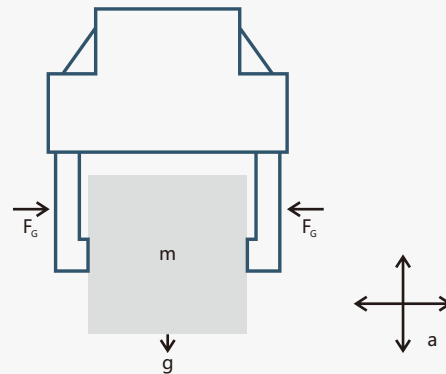
g : Gravitational acceleration

a : Acceleration during dynamic motion (m/s^2)

n : The quantity of fingers

μ : Friction factor between gripper fingers and workpiece

S : Safety factor



②Mechanical locking (for example)

$$F_G = m \times (g+a) \times S$$

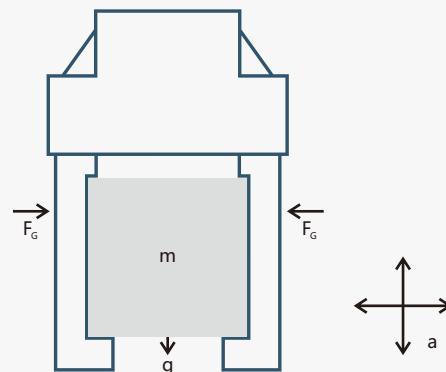
F_G : Clamping force per jaw (N)

m : Workpiece weight (kg)

g : Gravitational acceleration

a : Acceleration during dynamic motion (m/s^2)

S : Safety factor



Special Note:

1. The force holding type can be used as a single direction force enhanced grippers, but it cannot be used alone as force enhanced grippers.
2. If the force holding function is required when grasping the workpiece, in addition to relying on the force holding function of the gripper, a pressure holding valve and other equipment must also be configured.
3. For other unmentioned matters, please refer to the relevant product instruction manual.

JAW QUICK CHANGE DEVICE



Quick finger change design :

No tools required for instant finger change, improve operational flexibility and efficiency, and reduce downtime.



Wide compatibility and efficient operation :

Compact and optimized structure design, suitable for a variety of general purpose grippers, improve the overall production efficiency and compatibility.



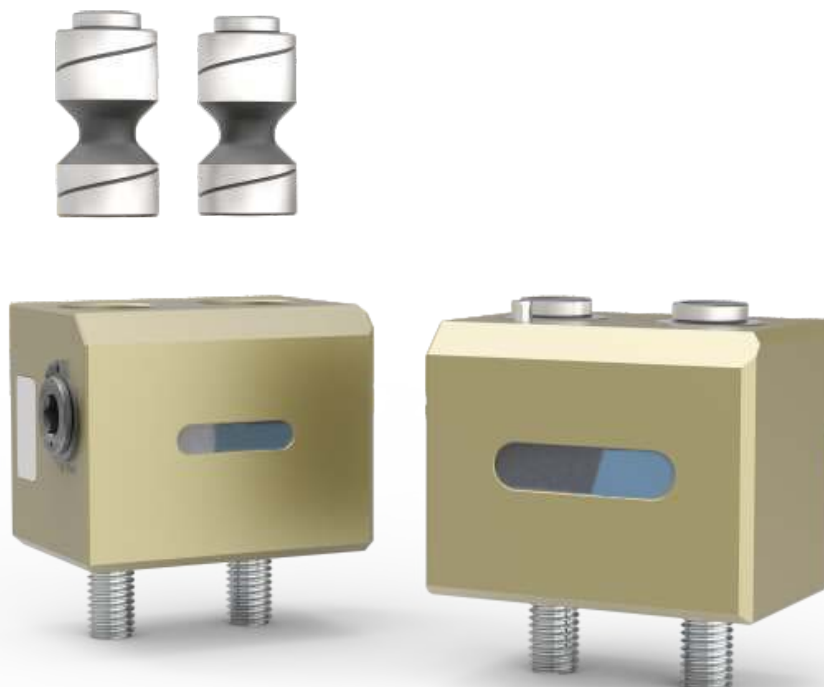
High precision clamping positioning :

The precision clamping mechanism ensures that each operation can achieve a highly accurate positioning and ensure the stability of the operation.



Super durable material construction :

Adaption of ultra-high strength steel and high-strength aluminum alloy material significantly improves durability and service life, reduces maintenance costs, and adapts to high-strength working environment.



Model: LT-JQC-50SKseries

Jaw quick-change device	LT-JQC-50SKB	LT-JQC-50SKB-P
Item No.	F23010036	F23010041
Locking methods	Wrench tightening	Manual pressing
Weight (kg) (excluding location pins)	0.025	0.03
Max. allowable torque load (N.m)	13	13
Maximum allowable force (Fx/N)	345	345
Min./Max. suitable temperature (°C)	5/130	5/130
Jaw location pin	LT-JQC-50SKA	
Item No.	F23010037	
Weight (kg) (2 per set)	0.005	
Material	42CrMo	
Min./Max. suitable temperature (°C)	5/130	

Note: The number of finger quick change devices depends on the type of gripper, and the number of finger location pins depends on the number of grippers' fingers.

Model: LT-JQC-64SKseries

Jaw quick-change device	LT-JQC-64SKB	LT-JQC-64SKB-P
Item No.	F23010043	F23010044
Locking methods	Wrench tightening	Manual pressing
Weight (kg) (excluding location pins)	0.04	0.045
Max. allowable torque load (N.m)	28	28
Maximum allowable force (Fx/N)	505	505
Min./Max. suitable temperature (°C)	5/130	5/130
Jaw location pin	LT-JQC-64SKA	
Item No.	F23010042	
Weight (kg) (2 per set)	0.011	
Material	42CrMo	
Min./Max. suitable temperature (°C)	5/130	

Note: The number of finger quick change devices depends on the type of gripper, and the number of finger location pins depends on the number of grippers' fingers.

Model: LT-JQC-80SKseries

Jaw quick-change device	LT-JQC-80SKB	LT-JQC-80SKB-P
Item No.	F23010035	F23010046
Locking methods	Wrench tightening	Manual pressing
Weight (kg) (excluding location pins)	0.08	0.07
Max. allowable torque load (N.m)	62	62
Maximum allowable force (Fx/N)	1070	1070
Min./Max. suitable temperature (°C)	5/130	5/130
Jaw location pin	LT-JQC-80SKA	
Item No.	F23010034	
Weight (kg) (2 per set)	0.022	
Material	42CrMo	
Min./Max. suitable temperature (°C)	5/130	

Note: The number of finger quick change devices depends on the type of gripper, and the number of finger location pins depends on the number of grippers' fingers.

Model: LT-JQC-100SKseries

Jaw quick-change device	LT-JQC-100SKB	LT-JQC-100SKB-P
Item No.	F23010031	F23010040
Locking methods	Wrench tightening	Manual pressing
Weight (kg) (excluding location pins)	0.13	0.13
Max. allowable torque load (N.m)	104	104
Maximum allowable force (Fx/N)	1950	1950
Min./Max. suitable temperature (°C)	5/130	5/130
Jaw location pin	LT-JQC-100SKA	
Item No.	F23010030	
Weight (kg) (2 per set)	0.05	
Material	42CrMo	
Min./Max. suitable temperature (°C)	5/130	

Note: The number of finger quick change devices depends on the type of gripper, and the number of finger location pins depends on the number of grippers' fingers.

Model: LT-JQC-125SKseries

Jaw quick-change device	LT-JQC-125SKB	LT-JQC-125SKB-P
Item No.	F23010033	F23010045
Locking methods	Wrench tightening	Manual pressing
Weight (kg) (excluding location pins)	0.22	0.21
Max. allowable torque load (N.m)	220	220
Maximum allowable force (Fx/N)	2810	2810
Min./Max. suitable temperature (°C)	5/130	5/130
Jaw location pin	LT-JQC-125SKA	
Item No.	F23010032	
Weight (kg) (2 per set)	0.1	
Material	42CrMo	
Min./Max. suitable temperature (°C)	5/130	

Note: The number of finger quick change devices depends on the type of gripper, and the number of finger location pins depends on the number of grippers' fingers.

Model: LT-JQC-160SKseries

Jaw quick-change device	LT-JQC-160SKB	LT-JQC-160SKB-P
Item No.	F23010038	F23010047
Locking methods	Wrench tightening	Manual pressing
Weight (kg) (excluding location pins)	0.44	0.43
Max. allowable torque load (N.m)	305	305
Maximum allowable force (Fx/N)	5350	5350
Min./Max. suitable temperature (°C)	5/130	5/130
Jaw location pin	LT-JQC-160SKA	
Item No.	F23010039	
Weight (kg) (2 per set)	0.15	
Material	42CrMo	
Min./Max. suitable temperature (°C)	5/130	

Note: The number of finger quick change devices depends on the type of gripper, and the number of finger location pins depends on the number of grippers' fingers.

Model: LT-JQC-200-P

Jaw quick-change device	LT-JQC-200B-P	Item No.: F23010018
Weight (kg) (excluding location pins)	0.77	
Max. allowable torque load (N.m)	510	
Maximum allowable force (Fx/N)	6110	
Min./Max. suitable temperature (°C)	5/130	
Jaw location pin	LT-JQC-200A-P	Item No.: F23010017
Weight (kg) (2 per set)	0.32	
Material	42CrMo	
Min./Max. suitable temperature (°C)	5/130	

Note: The number of finger quick change devices depends on the type of gripper, and the number of finger location pins depends on the number of grippers' fingers.

Model: LT-JQC-240-P

Jaw quick-change device	LT-JQC-240B-P	Item No.: F23010022
Weight (kg) (excluding location pins)	1.35	
Max. allowable torque load (N.m)	880	
Maximum allowable force (Fx/N)	9330	
Min./Max. suitable temperature (°C)	5/130	
Jaw location pin	LT-JQC-240A-P	Item No.: F23010021
Weight (kg) (2 per set)	0.62	
Material	42CrMo	
Min./Max. suitable temperature (°C)	5/130	

Note: The number of finger quick change devices depends on the type of gripper, and the number of finger location pins depends on the number of grippers' fingers.

Model: LT-JQC-300-P

Jaw quick-change device	LT-JQC-300B-P	Item No.: F23010020
Weight (kg) (excluding location pins)	1.8	
Max. allowable torque load (N.m)	1220	
Maximum allowable force (Fx/N)	12420	
Min./Max. suitable temperature (°C)	5/130	
Jaw location pin	LT-JQC-300A-P	Item No.: F23010019
Weight (kg) (2 per set)	0.79	
Material	42CrMo	
Min./Max. suitable temperature (°C)	5/130	

Note: The number of finger quick change devices depends on the type of gripper, and the number of finger location pins depends on the number of grippers' fingers.