MSL* series

STOPPER CYLINDER

Functions

Technical data

Caution for safety
(Read beforeinstalling)

Specification

Model	MSL*
Medium	Air
Operating pressure range	0.2~1 MPa
Proof pressure	1.5 MPa
Ambient temperature	-5~+60°C (No freezing)
Lubrication	Not required
Cushion	With rubber cushion pad

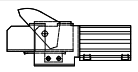
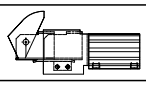
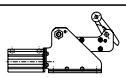
Model	Magnet	Sensor switch (*)	Weight
MSLP-ø32-40	○	RCE, RCE1, RDEP	840 g
MSLL-ø25-30	×	—	1850 g
MSLL-ø40-30	○	RCM (Band BM40)	4550 g
MSLD-ø50-50	○	RCE,RCE1,RDEP	8750 g

* RCE, RCE1, RCM, RDEP specifications.

Order example

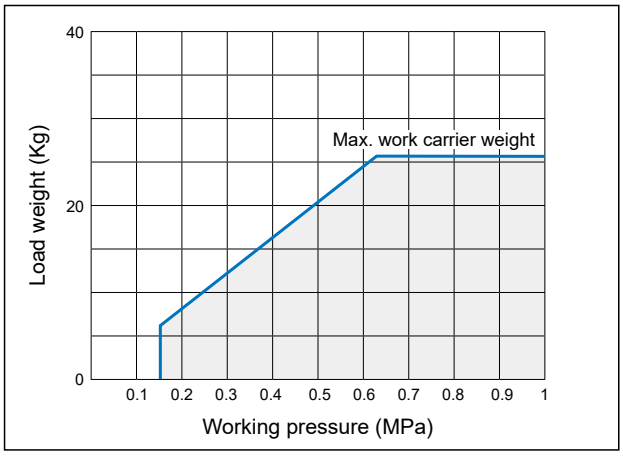
MSLL — 25 — 30 — D — G

- MSLL: MODEL
- 25: TUBE I.D. (mm)
- 30: STROKE (mm)
- D: OPERATION TYPE
- G: PORT THREAD*
  Blank: Rc thread
  G: G thread
  NPT: NPT thread

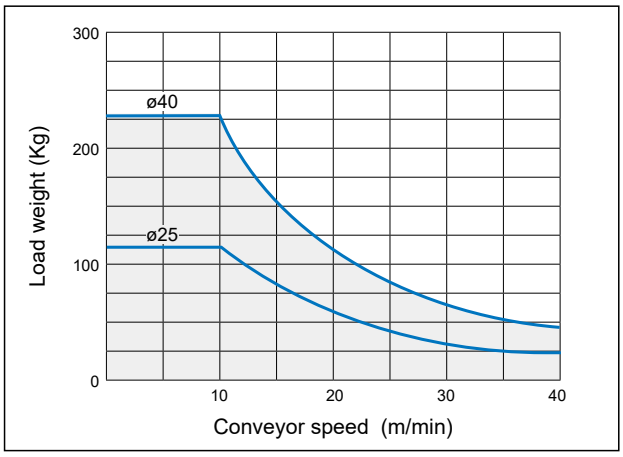
Code	Type of cylinder	Tube I.D.-Stroke	Code	Description
MSLP		**32 - 40**	**P**	Double acting Extend type
			**CP**	Double acting Return type
MSLL		**25 - 30**	Blank	Double acting with spring
			D	Double acting without spring
		40 - 30	Blank	Double acting with spring
			D	Double acting without spring
MSLD		**50 - 50**	Blank	Double acting with spring and shock absorber

* The rod cover-end port thread is fixed at M5×0.8.

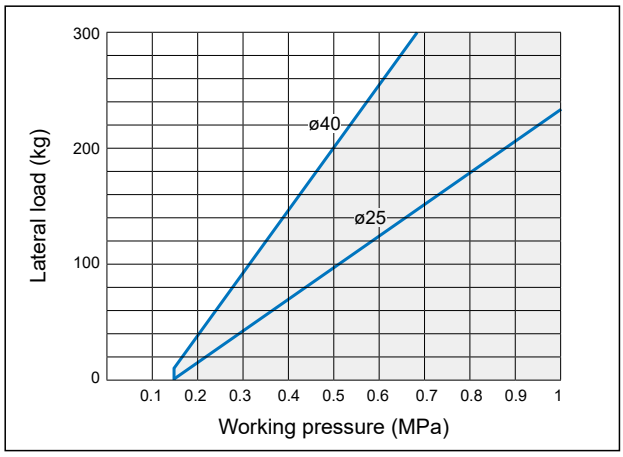
MSLP-* ø32
Capacity



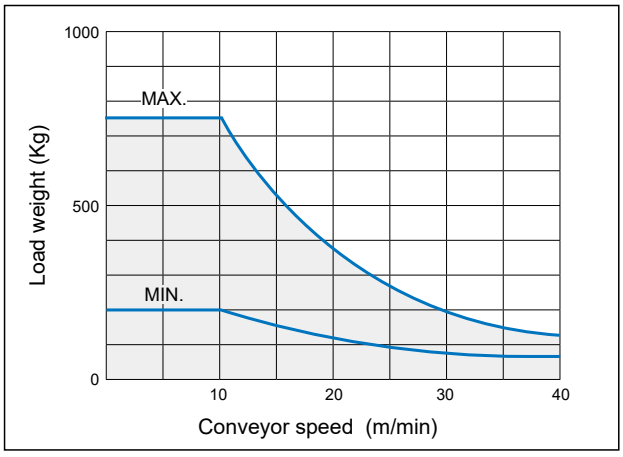
MSLL ø25, ø40
Capacity



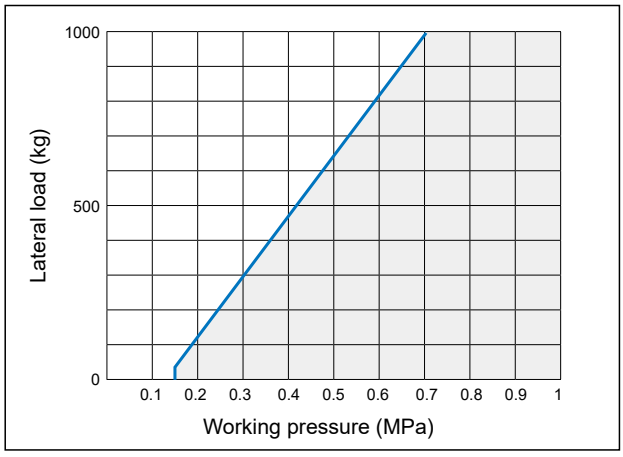
MSLL ø25, ø40
Normal lateral load



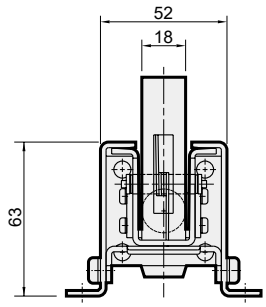
MSLD ø50
Capacity

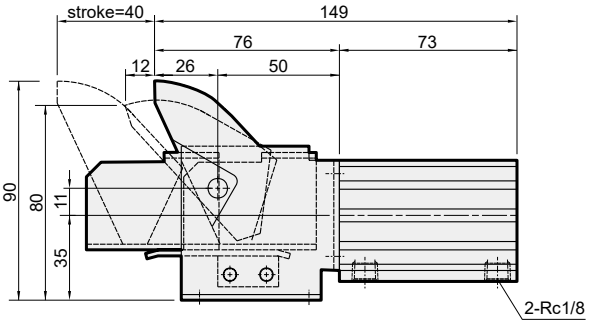


MSLD ø50
Normal lateral load

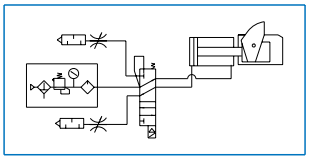


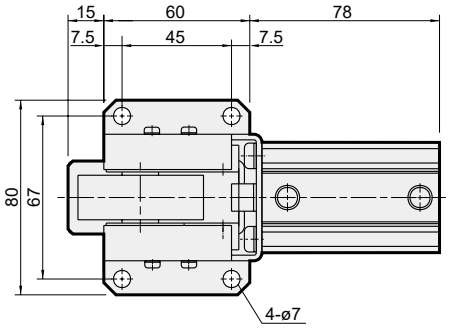
MSLP-P ø32-40

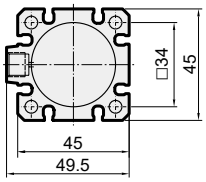




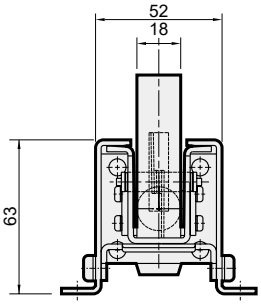
Piping diagram

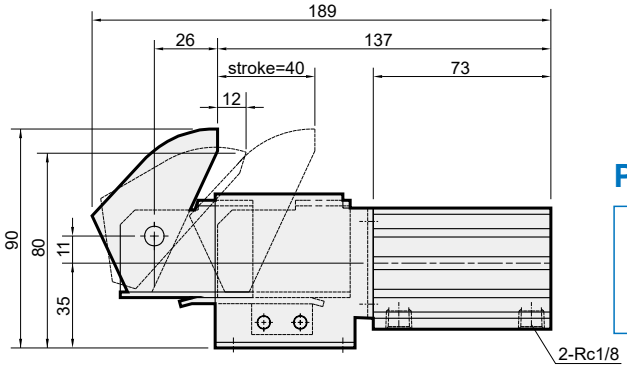




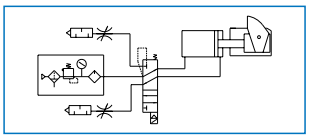


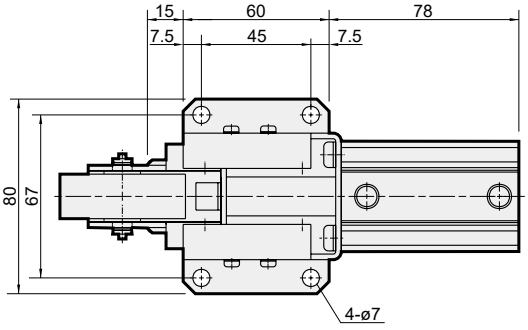
MSLP-CP ø32-40

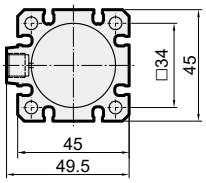




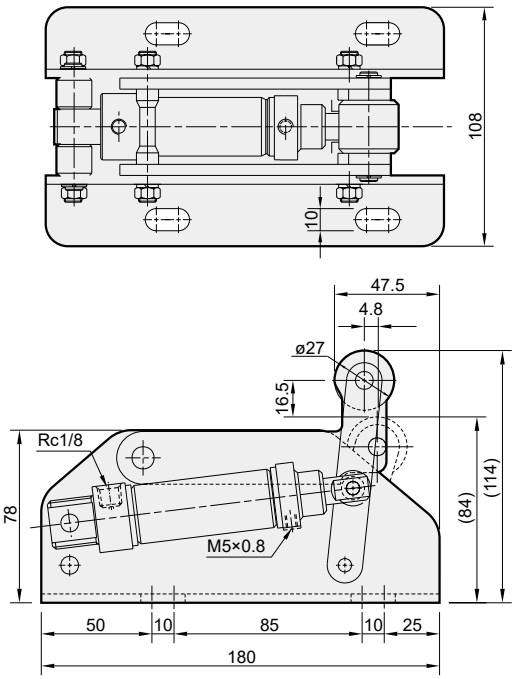
Piping diagram



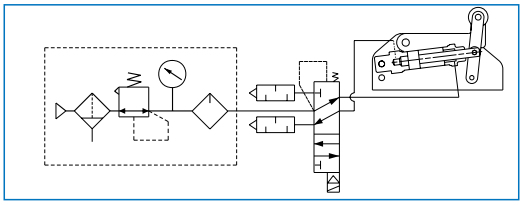




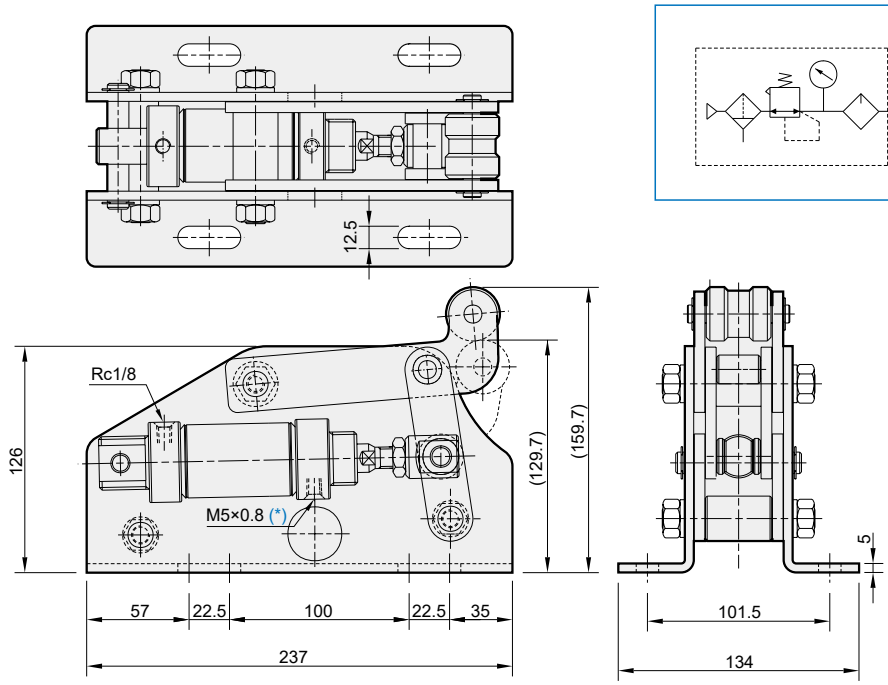
MSLL ø25-30



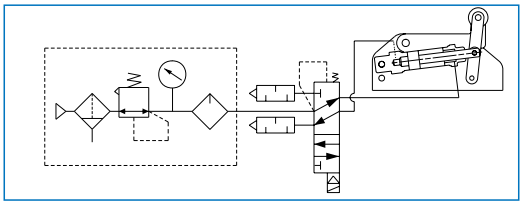
Piping diagram



MSLL ø40-30

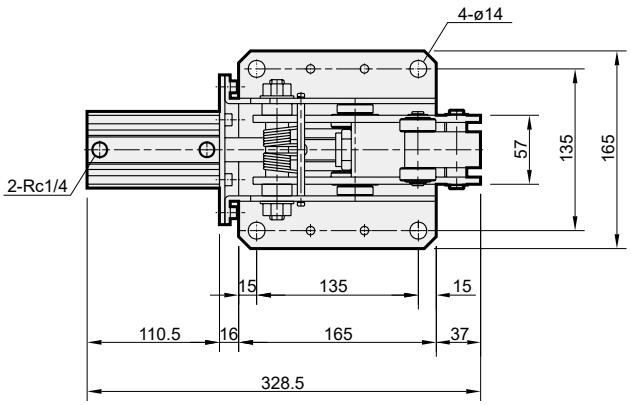


Piping diagram

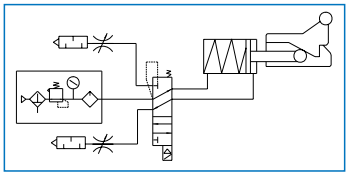


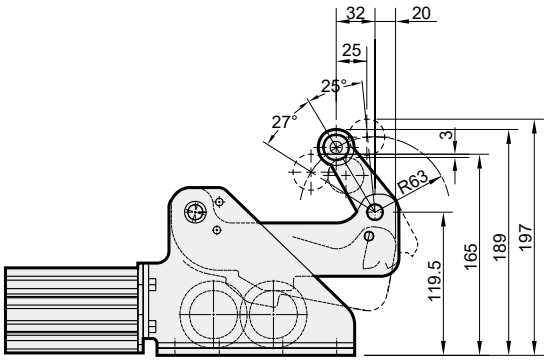
* The thread is changed to Rc1/8 when the double acting without spring (D) is selected.

MSLD ø50-50



Piping diagram





* Roller is made of rolled steel.