

Features

1. All GS cylinders are equipped with reed switches.
2. Adjustable end-absorbers for $\varnothing 32 \sim \varnothing 63$.
3. Simple construction to save the time on design, drawing and installation.
4. New design of guided cylinders conforms to ISO and VDMA standard, and has excellent resistance to the rotation, torque and side load capacity.



Specification

Series	GSB	GSL	GSM
Action	Oil- bearing economical	Oil- bearing heavy duty	Linear bearing precise
Bore	20,25	20,25	20,25
Operating fluid	To oil mist filtration of compressed air		
Operating pressure	0.7MPa(7kgf/cm ²)		
Temperature range	-10°C ~ +60°C(not frozen)		

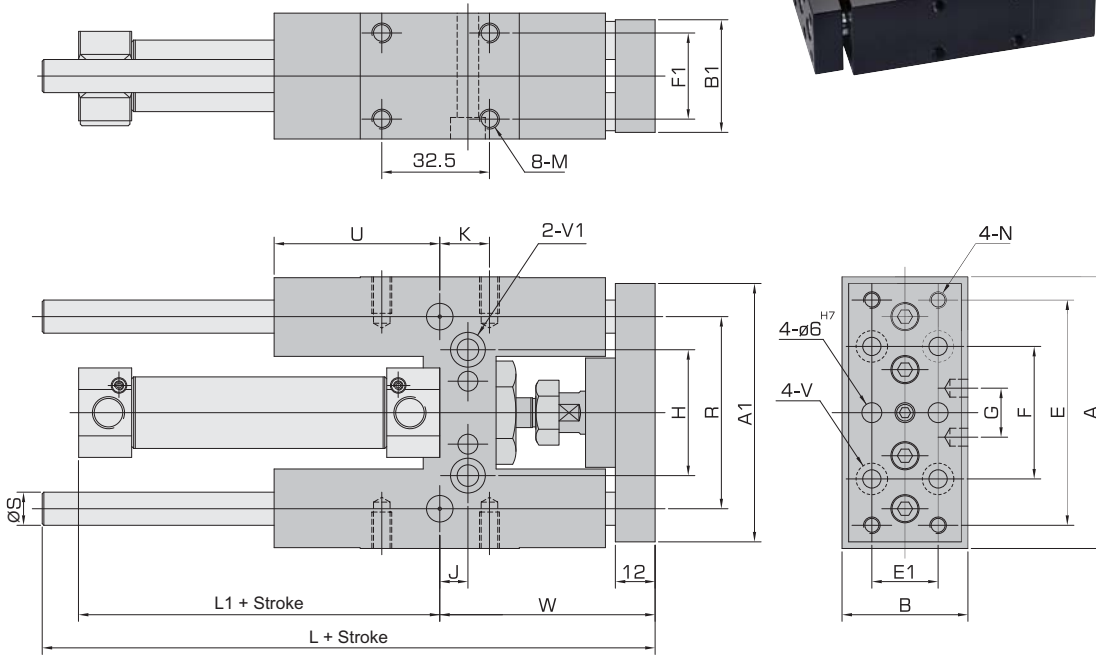
How to order

GSB	40 X 100	P	TG-C73	2
Series	Bore	Stroke	Rear flange coupling	Reed switch
GSB light duty	$\varnothing 20$ $\varnothing 25$	25~400mm	P with rear flange coupling	TG-C73 2-wire type GSB20/25 GSL20/25 GSM20/25
GSL oil bearing GSM linear bearing				TG-H7A1 3-wire NPN type GSB20/25 GSL20/25 GSM20/25
				TG-H7A2 3-wire PNP type GSB20/25 GSL20/25 GSM20/25
				Reed switch band
				Switch quantity
				1 1PC 2 2PCS

※Please refer to 4.07.01

External dimensions

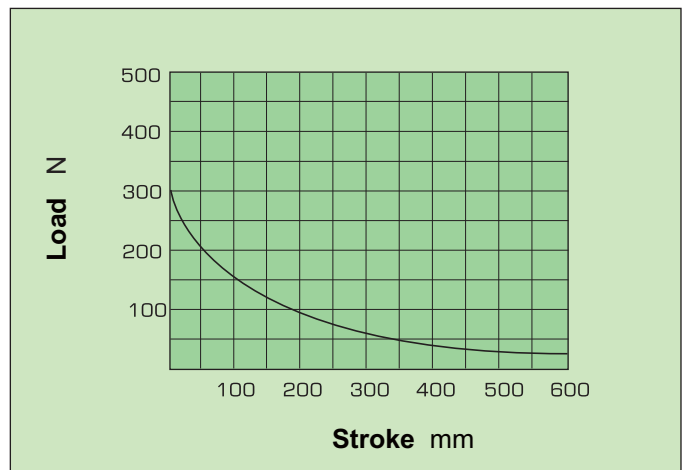
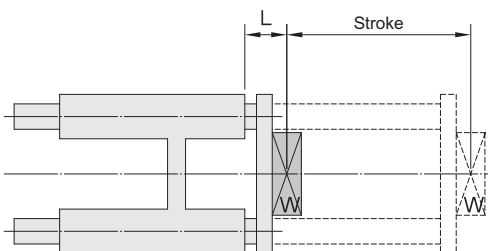
- **GSL20~25 (Oil-bearing heavy duty)**
- **GSM20~25 (Linear bearing precise)**



Bore	A	A1	B	B1	E	E1	F	F1	G	H	J	K	L	L1	M	N	R	S	U	V	V1	W
Ø20	82	78	38	34	68	20	40	26	19	38	8.5	15	135	68	M6dp11	M5	58	10	50	Ø5.5, C'bore Ø9.5 dp5.4	Ø6.5, C'bore Ø10.5 dp6.5	65
Ø25	82	78	38	34	68	20	40	26	19	38	8.5	15	135	69.5	M6dp11	M5	58	10	50	Ø5.5, C'bore Ø9.5 dp5.4	Ø6.5, C'bore Ø10.5 dp6.5	65

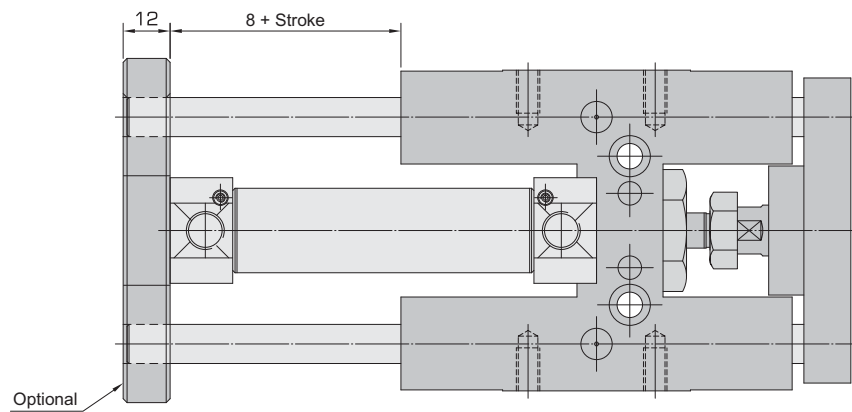
Load chart

- **Maximum allowable load**



External dimensions

● **GSL/GSM 20~25**

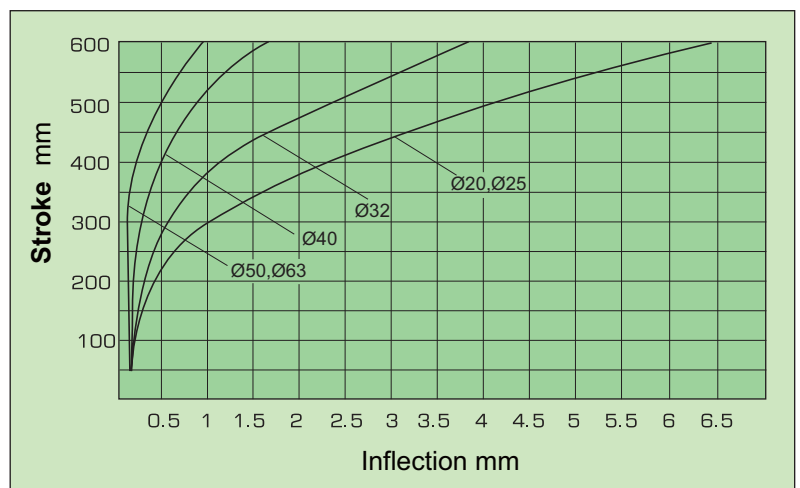
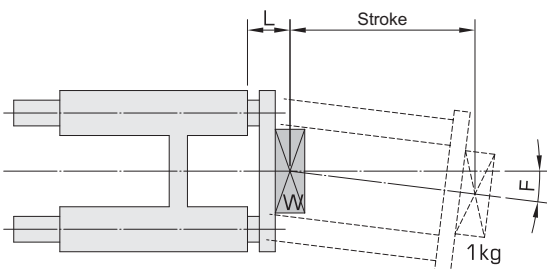


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Load chart

● **Maximum allowable load**
GSL/GSM

Guide rod load relative to the length of stroke to the total load is 1kg of deformation.



Features

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Specification

Series	GSL	GSM	GSF
Action	Oil- bearing heavy duty	Linear bearing precise	Oil- bearing flange
Bore	32,40,50,63	32,40,50,63	32,40,50,63
Operating fluid	To oil mist filtration of compressed air		
Operating pressure	0.7MPa(7kgf/cm ²)		
Temperature range	-10°C ~ +60°C(not frozen)		

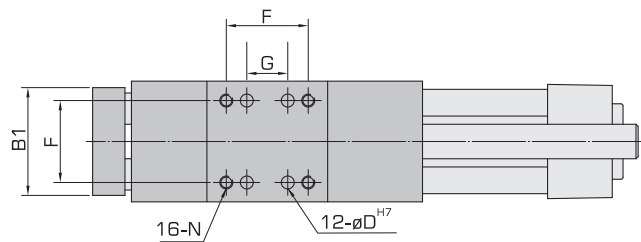
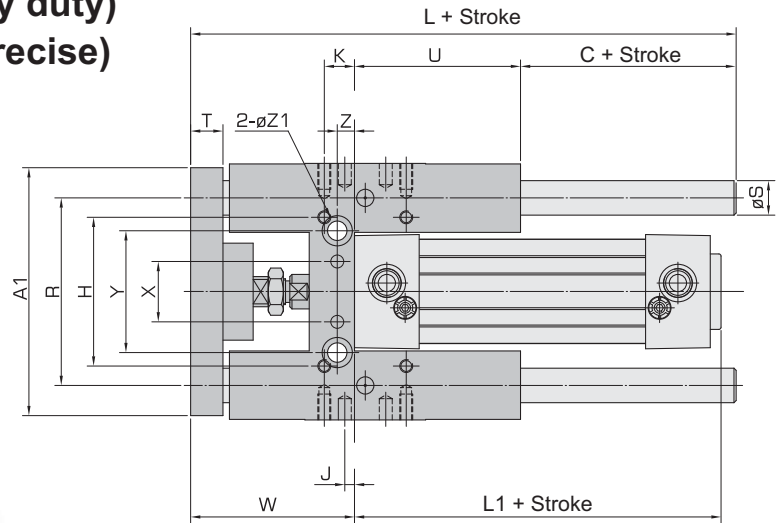
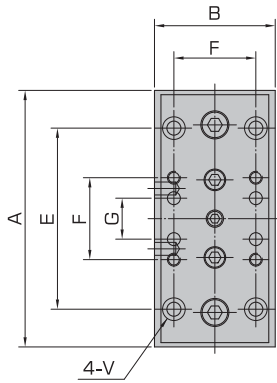
How to order

GSL	40 X 100	P	TE-Z73	2
Series	Bore	Stroke	Rear flange coupling	Reed switch
GSL oil bearing GSM linear bearing	Ø32 Ø40 Ø50 Ø63	25~400mm	P with rear flange coupling	TE-Z73 2-wire type, reed switch, normally open
GSF light duty flange				TE-Z73047 adapter
				Switch quantity
				1 1PC
				2 2PCS

※Please refer to 4.06.01

External dimensions

- **GSL32~63 (Oil-bearing heavy duty)**
- **GSM32~63 (Linear bearing precise)**

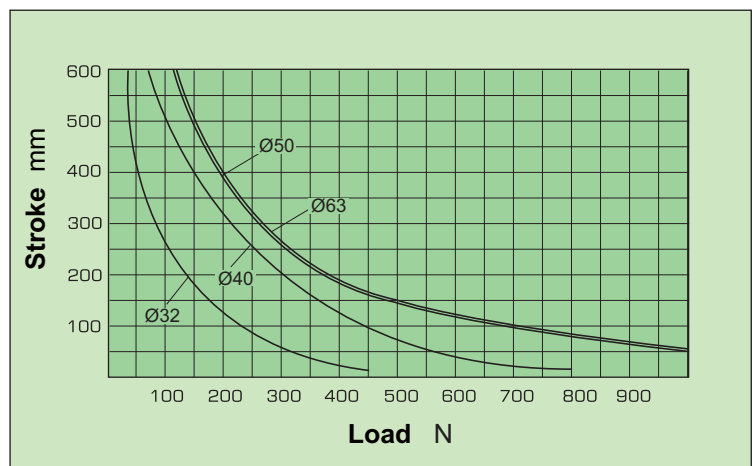
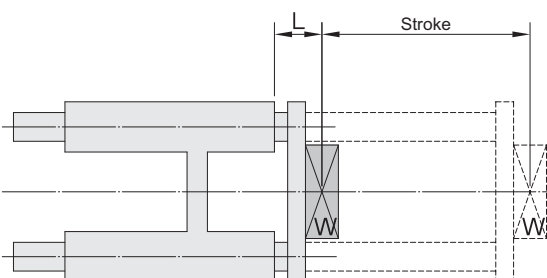


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Bore	A	A1	B	B1	C	D	E	F	G	H	J	K	L	L1	N	R	S	T	U	V	W	X	Y	Z	Z1
Ø32	99	95	50	45	34	6	78	32.5	-	61	5.7	14	173	98	M6dp12	74	12	15	67	Ø6.5,C'bore Ø10.5 dp6.5	72	23	46.5	8	Ø9,C'bore Ø14 dp5
Ø40	119	115	56	50	39	6	84	38	19	69	4.5	14	192	110	M6dp12	87	16	15	77	Ø6.5,C'bore Ø10.5 dp6.5	76	28	56.5	8	Ø9,C'bore Ø14 dp5
Ø50	141	135	70	65	30	6	100	46.5	23	85	7.5	19	205	111	M8dp14	104	20	20	81	Ø9,C'bore Ø14 dp8.5	94	-	-	-	-
Ø63	156	150	80	75	25	6	105	56.5	28	100	5	19	215	126	M8dp16	119	20	20	96	Ø9,C'bore Ø14 dp8.5	94	-	-	-	-

Load chart

- **Maximum allowable load
GSL/GSM 32~63**



External dimensions

● GSL/GSM 32~63

Bore	C	D
Ø32	25	15
Ø40	20	20
Ø50	20	20
Ø63	20	20

