Series CG1

Mounting Bracket Part No.

Mounting bracket	Bore size (mm)							
	20	**25**	**32**	**40**	**50**	**63**	**80**	**100**
Axial foot*	CG-L020	CG-L025	CG-L032	CG-L040	CG-L050	CG-L063	CG-L080	CG-L100
Flange	CG-F020	CG-F025	CG-F032	CG-F040	CG-F050	CG-F063	CG-F080	CG-F100
Trunnion	CG-T020	CG-T025	CG-T032	CG-T040	CG-T050	CG-T063	—	—
Clevis**	CG-D020	CG-D025	CG-D032	CG-D040	CG-D050	CG-D063	CG-D080	CG-D100
Pivot bracket	CG-020-24A	CG-025-24A	CG-032-24A	CG-040-24A	CG-050-24A	CG-063-24A	CG-080-24A	CG-100-24A

* Order two foot brackets per a cylinder.
** Clevis pins, snap rings and mounting bolts are attached for the clevis.
*** Mounting bolts are attached for the foot type and the flange type.

Auto Switch Mounting Bracket Part No.

Auto switch model	Bore size (mm)							
	20	**25**	**32**	**40**	**50**	**63**	**80**	**100**
D-C7/C8	BMA2-020	BMA2-025	BMA2-032	BMA2-040	BMA2-050	BMA2-063	—	—
D-H7								
D-B5/B6	BA-01	BA-02	BA-32	BA-04	BA-05	BA-06	BA-08	BA-10
D-G5/K5								

* A set of following stainless steel mounting screws is attached.
(A switch mounting band is not attached. Please order the band separately.)
BBA3: D-B5/B6/G5 types
BBA4: D-C7/C8/H7 types
· "D-G5BAL" and "D-H7BAL"switches are set on the cylinder with the screws above when shipped.
When a switch only is shipped, “BBA3” or "BBA4" screws are attached.

Weight

(kg)

	Bore size (mm)	**20**	**25**	**32**	**40**	**50**	**63**	**80**	**100**
Basic weight	Basic	0.10	0.17	0.26	0.41	0.77	1.07	2.04	3.17
	Axial foot	0.21	0.30	0.42	0.63	1.25	1.79	3.00	4.92
	Flange	0.18	0.27	0.40	0.61	1.11	1.57	2.75	4.52
	Trunnion	0.11	0.19	0.29	0.46	0.91	1.21	—	—
	Clevis	0.15	0.25	0.41	0.64	1.17	1.75	2.75	4.45
Pivot bracket		0.08	0.09	0.17	0.25	0.44	0.80	0.98	1.75
Single knuckle joint		0.05	0.09	0.09	0.10	0.22	0.22	0.39	0.57
Double knuckle joint (with pins)		0.05	0.09	0.09	0.13	0.26	0.26	0.64	1.31
Additional weight by each 50 stroke		0.05	0.07	0.09	0.15	0.22	0.26	0.35	0.49
Additional weight by air cushion		0.01	0.01	0.02	0.02	0.03	0.03	0.03	0.03
Additional weight by long stroke		0.01	0.01	0.02	0.03	0.06	0.10	0.19	0.26

Calculation example: **CG1LA20-100**
(Foot, ø20, 100 stroke)

- Basic weight·····0.21 (Foot, ø20)
- Additional weight·····0.05/50 stroke
- Cylinder stroke·····100 stroke
- Additional weight by air cushion···0.01kg

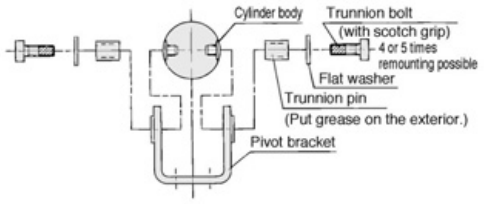
0.21+0.05 X 100/50+0.014=0.32kg

Mounting Procedures

Trunnion

Follow the procedures below when mounting a pivot bracket on the trunnion.

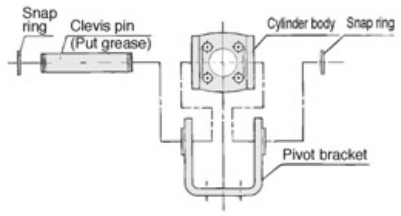
ø20 to ø63



Clevis

Follow the procedures below when mounting a pivot bracket on the clevis.

ø20 to ø63



ø80, ø100