

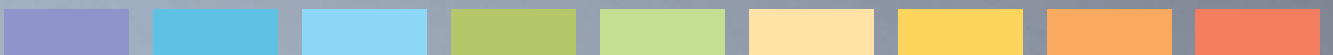
Serie GY



SOPAP

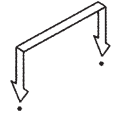


Serie GY



GY series

Dimensions



(Unit : mm)

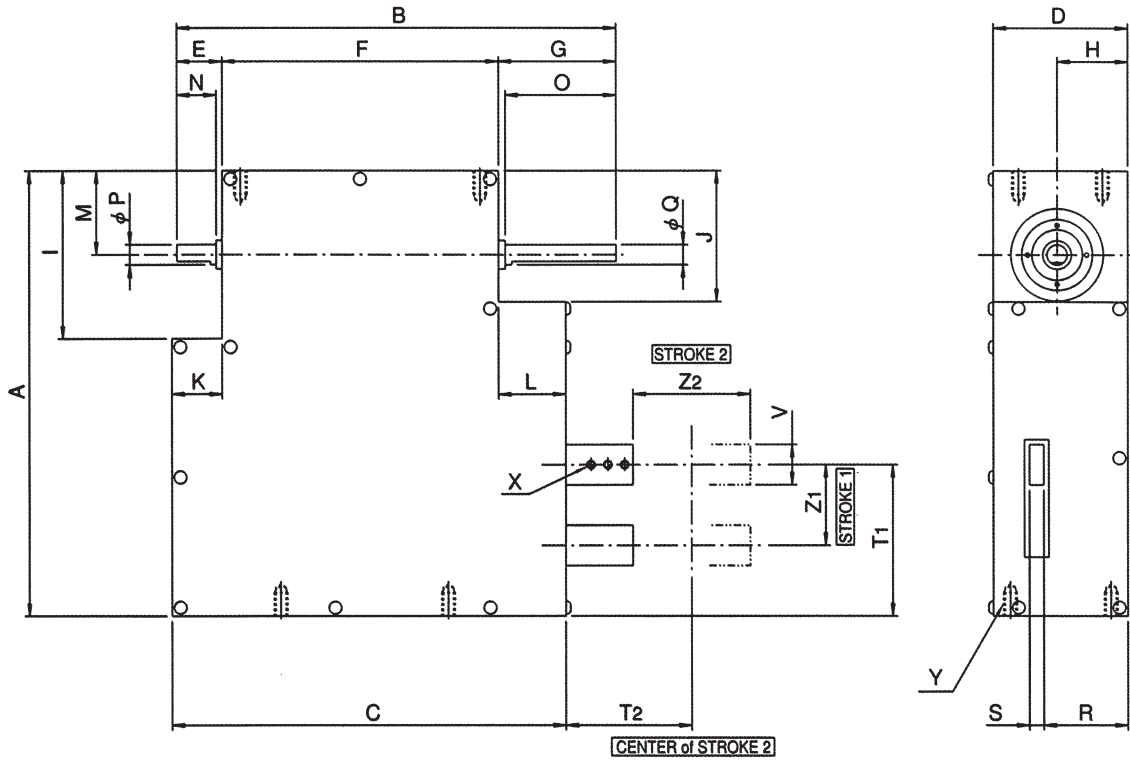


Figure GY-1

Table of GY Series Dimension

Table GY-1

Model	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T1	T2	V	X	Y	Z1	Z2
4GY	200	218	200	70	23	135	60	37	80	66	25	40	40	22	59	12	12	45	7.5	70	60	18	2-M4	M6	max 30	max 70
5GY	265	262	235	80	27	165	70	42	100	78	30	40	50	25	68	12	12	50	8.5	90	90	24	3-M5	M8	max 40	max 100
6GY	320	307	305	90	42	195	70	47	150	90	45	65	55	40	68	17	12	55	9.5	110	125	42	4-M5	M8	max 50	max 150
8GY	425	371	380	120	45	256	70	62	165	120	54	70	75	45	68	25	12	55	9.5	150	145	42	4-M5	M10	max 65	max 200
8GYII	560	410	500	140	60	280	70	65	190	110	110	110	70	58	68	25	20	58	35	200	200	68	—	M12	max 100	max 300

(Unit : mm)

Table of GY Series Specifications

Table GY-2

		4GY	5GY	6GY	8GY	8GYII
Output allowable load, stroke I, II	N	Please contact Sopap				
Output static allowable load in the direction of V and W surface	N	93.1	117.6	225.4	433	312
Output bending rigidity in the direction of V and W surface	mm/N	2.04×10^{-2}	1.84×10^{-2}	1.53×10^{-2}	1.0×10^{-2}	1.5×10^{-2}
Input allowable axial load	N	416.5	656.6	911.4	2000	2800
Input maximum repetitious bending force	N	323.4	539	1078	2000	2700
Input maximum repetitious allowable torque	N·m	29.4	29.4	88.2	98	173
Input torsional rigidity	$\frac{N \cdot m}{rad}$	3234	4410	6370	10000	20000
Repetitive accuracy	mm	± 0.02	± 0.02	± 0.02	± 0.02	± 0.02
Product weight	kg	5.2	15	25	64	95

5GY with motor

* Specifications and dimensions are subject to change without notice.
Always double check before ordering.

1N·m \approx 0.102kgf·m