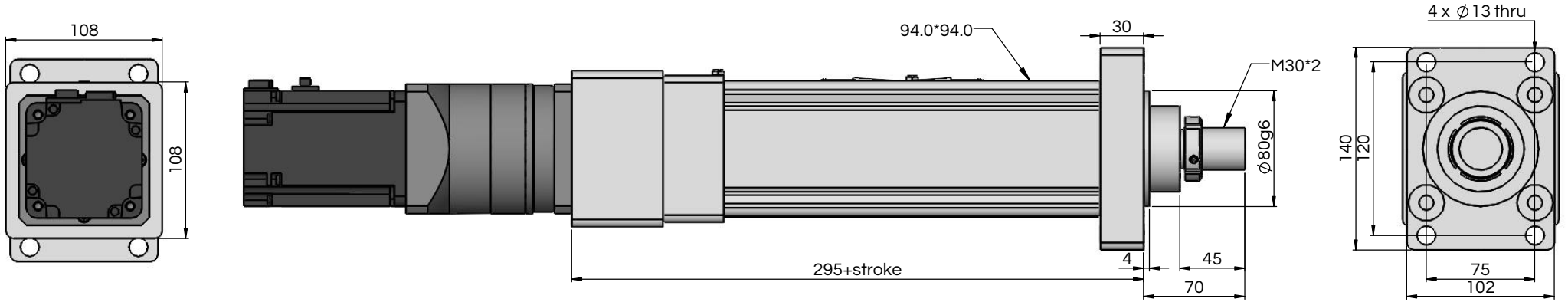
FA Front flange	Stroke（mm）	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800
	Weight（kg）	13.5	15.5	17.5	19.5	21.5	23.5	25.5	27.5	29.5	31.5	33.5	35.5	37.5	39.5	41.5	43.5	45.5	47.5
	Select	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐

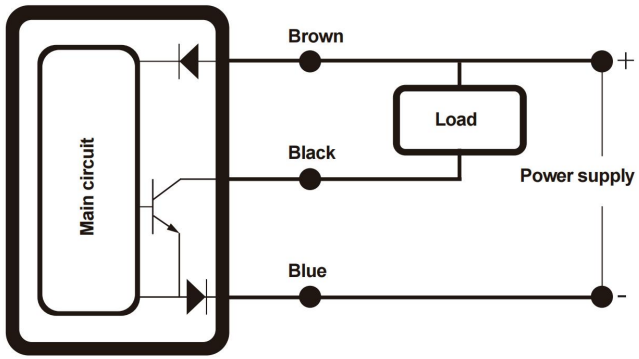
Select	Motor Brand
☐	Panasonic
☐	Mitsubishi
☐	Yaskawa
☐	HCFA
☐	Delta
☐	Inovance



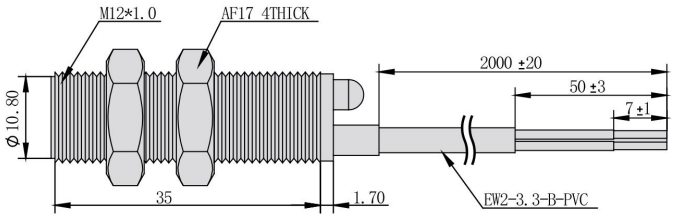
* Performance parameters are based on INOVANCE servo motor specifications.

Select	Motor Power (W)	Ball Screw Lead (mm)	Gearbox Ratio	Speed (mm/s)	Thrust (kN)
☐	750	10	-	500	1.275
☐	750	20	-	1000	0.6375
☐	750	10	3	167	3.825
☐	750	10	5	100	6.375
☐	750	10	7	71	8.925
☐	750	20	3	333	1.9125
☐	750	20	5	200	3.1875
☐	750	20	7	143	4.4625
☐	1000	10	-	500	1.7
☐	1000	20	-	1000	0.85
☐	1000	10	3	167	5.1
☐	1000	10	5	100	8.5
☐	1000	10	7	71	11.9
☐	1000	20	3	333	2.55
☐	1000	20	5	200	4.25
☐	1000	20	7	143	5.95
☐	2000	10	-	500	3.4
☐	2000	20	-	1000	1.7
☐	2000	10	3	167	10.2
☐	2000	10	5	100	17
☐	2000	10	7	71	23.8
☐	2000	20	3	333	5.1
☐	2000	20	5	200	8.5
☐	2000	20	7	143	11.9

Sensor layout



Size diagram of magnetic switch



Specification	Value
Repeated accuracy (mm)	±0.02
Rated speed of motor (RPM)	3000
Valid stroke (mm)	50~1800
Sensor	Magnetic Switch
Ball Screw Type	C7 Rolled (Standard) ☐ C5 Ground ☐
Max payload (KG)	3T

TPA 玖钧传动 Motion Control

SCALE	UNIT		Model	EMR-80-M-FA		
1:X	mm		Desc	Electric Cylinder		
GENERAL TOLERANCE			Surface	Silver anodized	DRN	Tang
Up to 6 / 6~30 / 30~120 / 120~300 / 300~600			DWG.NO	C080M002	CHK	Xu
±0.1	±0.2	±0.3 ±0.4 ±0.5	Sheet	1-1	APPD	Le

TPA Motion Control International Co., Limited DATE 17-Jul-26