

NO Series Standard Specifications and Mechanical Drawing

FS-11NO-0

Stroke (mm)	300	400	500	600	700	800	900	1000
Weight (kg)	2.4	2.8	3.2	3.6	4.1	4.4	4.8	5.2

FS-12NO-0

Stroke (mm)	300	400	500	600	700	800	900	1000
Weight (kg)	3.1	3.5	3.9	4.3	4.8	5.1	5.5	5.9

Model		FS-11NO-0	FS-12NO-0
Rated speed	mm/sec	1250	
Linear guide		Linear motion guide: SR-15W Linear motion block (1 for 11NO, 2 for 12NO)	
Base		Extruded aluminum (A6063S-T5) White alumite treatment	
Maximum speed	mm/sec	1500 (1250 when ISAC motor is used)	
Static load (*1, 2)	N[kgf]	588 [60]	1176 [120]
Load moment (*3)	Nim[kgfm]	Ma: 2.9[0.3] Mb: 2.9[0.3] Mc: 4.5[0.46]	Slides together: Ma: 20.5[2.1] Mb: 18.6 [1.9] Mc: 9.1[0.93] Slides 60mm apart: Ma: 78.4[18] Mb: 70.5[7.2] Mc: 9.1[0.93]
Overhang load length L (*3)	mm	200	500 (slides together) 800 (slides 60mm apart)

- *1 Load uniformly distributed on slider. Base affixed to a flat, strong frame.
- *2 Value when load moment is not added. Static load is the maximum value when load is added and differs from the payload.
- *3 See figures at right. Moment caused by static load not to exceed allowable load moment. If there is moment in the Mc direction, we recommend using a guide rail (FS-11NO or 12NO) with the actuator.



*60mm for 11NO

FS-11NO-0								
Stroke	300	400	500	600	700	800	900	1000
A	524	624	724	824	924	1024	1124	1224
B	508	608	708	808	908	1008	1108	1208
C	300	400	500	600	700	800	900	1000
D	360	460	560	660	760	860	960	1060

FS-12NO-0								
Stroke	300	400	500	600	700	800	900	1000
A	624	724	824	924	1024	1124	1224	1324
B	608	708	808	908	1008	1108	1208	1308
C	340	440	540	640	740	840	940	1040
D	460	560	660	760	860	960	1060	1160