



*1 :The force of 14 N pushes the pinion against the rack.

*2 :Because pinion movable range is ±5mm, mount the rack at the position that its bottom is between ±3mm from the bottom of the sensor.

Rack Specifications

As shown below, there are 7 rack types to accommodate more than 2480 stroke combinations. (6N, 5N, 4N, 3N cannot be combined.)

Rack model	SRFD1. 5-3N	SRFD1. 5-4N	SRFD1. 5-5N	SRFD1. 5-6N	SRFD1. 5-1000	SRFD1. 5-1500	SRFD1. 5-2000
Module	1.5	1.5	1.5	1.5	1.5	1.5	1.5
Size	L	360	459	540	620	999	2050
	A	90	49.5	55	135	49.5	35
	B	90	49.5	125	125	49.5	35
Number of mounting holes	n	2	3	3	3	6	12
Mass (kg)	(0.8)	(1.0)	(1.1)	(1.3)	2.1	3.2	4.4

Sensor Models & Number of Racks

Sensor Model	Max.stroke	Rack model & Number of racks						
		SRFD1. 5-3N	SRFD1. 5-4N	SRFD1. 5-5N	SRFD1. 5-6N	SRFD1. 5-1000	SRFD1. 5-1500	SRFD1. 5-2000
RP-3020PRB3020	3020	-	-	-	-	1	-	1
RP-3020PRB2480	2480	-	-	-	-	1	1	-
RP-3020PRB2020	2020	-	-	-	-	-	-	1
RP-3020PRB1480	1480	-	-	-	-	-	1	-
RP-3020PRB980	980	-	-	-	-	1	-	-
RP-3020PRB590	590	-	-	-	1	-	-	-
RP-3020PRB520	520	-	-	1	-	-	-	-
RP-3020PRB440	440	-	1	-	-	-	-	-
RP-3020PRB340	340	1	-	-	-	-	-	-