

R-A type

Air return type

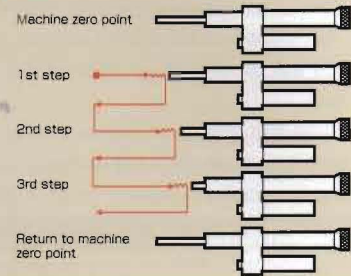
In the hydro speed regulator R-A type, the position of the piston rod is maintained even if it is no longer loaded and the piston rod is returned to its original position by supplying external compressed air. Effective for step feed motion.

Features

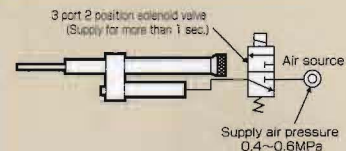
1. With the position of the piston rod maintained along the stroke as desired, efficient step feeding is possible.
2. Some models feature a long stroke for expanded application purposes.



Step Feeding Example



Air Piping Example for Piston Rod Return

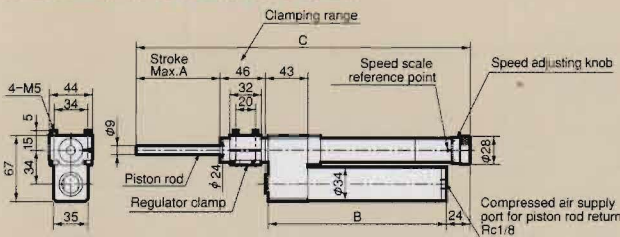


Specifications

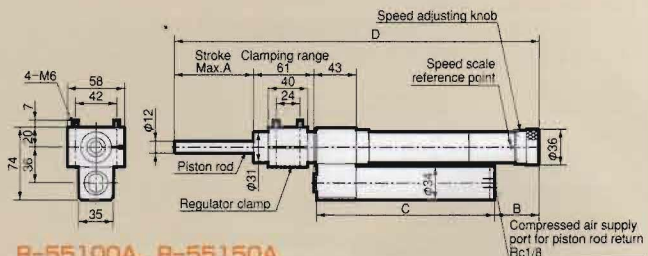
Model	Max. Stroke	Load Range	Range of Speed Control for Each Thrust	Permissible impact Load	Wgt (Main Body Only)
	mm				N
R-2442A	40	200~1,500	F = 200N 0.3~5	2.45	1.3
R-2462A	60		F = 980N 0.5~25		1.4
R-2482A	80		F = 1,500N 0.8~30		1.5
R-3182A	80	490~2,900	F = 490N 0.3~12	3.92	2.2
R-31132A	130		F = 2,200N 0.5~25		2.8
			F = 2,900N 0.8~30		
R-38100AC	100	2,200~5,400	F = 2,200N 0.3~15	5.88	4.2
			F = 3,700N 0.5~25		
			F = 5,400N 0.8~30		
R-55100A	100	3,900~9,800	F = 3,900N 0.2~15	9.8	7.3
R-55150A	150		F = 9,800N 0.6~35		8.1

Notes 1. A regulator clamp is provided as a standard part with the R-38100AC. The clamp cannot be removed from the mechanism.
 2. Special models other than those in the above table upon request.

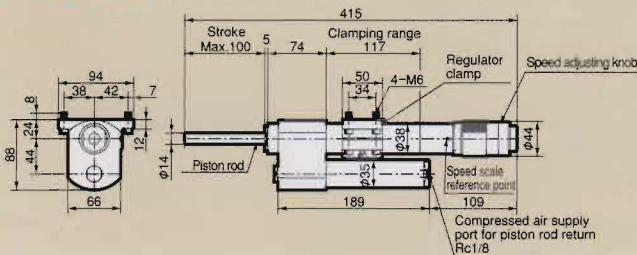
R-2442A, R-2462A, R-2482A



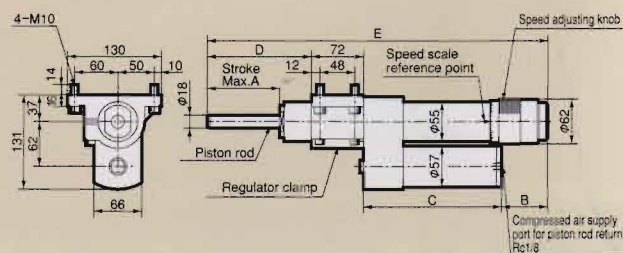
R-3182A, R-31132A



R-38100AC



R-55100A, R-55150A



Model	A	B	C
R-2442A	40	127	240
R-2462A	60	180	260
R-2482A	80	180	333

Model	A	B	C	D
R-3182A	80	39	180	363
R-31132A	130	34	255	483

Model	A	B	C	D	E
R-55100A	100	64	191	148	476
R-55150A	150	81	216	198	568