



# SE100EV-A (English Units)

Advanced All-Electric Series



## CLAMP SPECIFICATIONS

[www.sumitomo-shi-demag.us](http://www.sumitomo-shi-demag.us)

Clamping force	U.S.tn	112
Distance between tie-bars	in	18.11 x 18.11
Overall size of platens (H x V)	in	25.59 x 25.59
Open daylight (max.)	in	31.50
Mold space (min.-max.)	in	7.09 - 17.72
Opening stroke (max.)	in	13.78
Mold open/close speed (max.)	in/sec	47.24
Locating ring diameter	in	4.0
Ejector pattern		Center, 7.0 in (5 points)
Ejector stroke	in	3.94
Ejector force	U.S.tn	3.60

## INJECTION SPECIFICATIONS

Plasticizing unit		C110S			C160S			C250M			C360M		
Screw diameter	mm	22	25	28	25	28	32	28	32	36	32	36	40
Injection pressure	p.s.i.	39,740	30,748	25,237	39,740	31,618	24,221	41,191	31,473	24,801	39,595	31,183	25,382
Holding pressure	p.s.i.	39,740	30,748	25,237	39,740	31,618	24,221	41,191	31,473	24,801	39,595	31,183	25,382
Injection capacity	in <sup>3</sup>	2.4	3.1	3.9	3.1	3.9	5.1	5.2	6.9	8.7	7.9	9.9	12.3
Injection weight (GPPS)	g	38	49	61	49	61	80	83	108	137	124	156	193
	oz	1.3	1.7	2.2	1.7	2.2	2.8	2.9	3.8	4.8	4.4	5.5	6.8
Plasticizing capacity (max.)	lb/hr	40	57	82	57	82	117	82	117	168	117	168	223
Injection rate	in <sup>3</sup> /sec	11.6	15.0	18.8	12.0	15.0	19.6	13.2	17.1	21.7	17.1	21.7	26.9
Screw stroke	in	4.09			4.09			5.51			6.30		
Injection speed (max.)	in/sec	19.69			15.75			13.78					
Screw speed (rpm)	rpm	400											
Heater capacity (5 zones)	kW	3.8	4.2	4.8	4.2	4.8	5.4	6.5	7.5	8.4	7.5	8.4	10.3
Nozzle contact force	U.S. ton	1.6			4.8								
Inj. unit stroke (penetration)	in	12.60 (1.18)						12.60 (1.77)					
Hopper capacity	in <sup>3</sup>	915			915			1831			1831		

## MACHINE SPECIFICATIONS

Main breaker capacity	amps	125											
Dimensions (L x W x H)	in	181x47x70			181x47x70			181x47x72			181x47x72		
Machine weight	U.S.tn	4.4			4.5			4.7			4.9		

NOTE: Specifications subject to change without notice. Machine series photo at top may be different model size.