



SE250EV-A^{HD} (Metric Units)

High-Duty Mid-Sized All-Electric



CLAMP SPECIFICATIONS

www.sumitomo-shi-demag.us

Clamping force	kN/tonf	2500 / 255
Distance between tie-bars	mm	660 x 660
Overall size of platens (H x V)	mm	930 x 930
Open daylight max. - standard	mm	1225
- With opt. 100 mm extension		1325
- With opt. 200 mm extension		NA
Mold space min. - max.	mm	200 – 600
- With opt. 100 mm extension		200 – 700
- With opt. 200 mm extension		NA
Mold opening stroke max.	mm	625
Mold open/close speed max.	mm/s	1431
Locating ring diameter	mm	101.6
Ejector pattern		Center (13 points)
Ejector force (with opt. added force)	kN	60 (100)
Ejector speed max.	mm/s	267
Ejector stroke	mm	220
Mold loading max. (moving side)	kg	2800 (1850)

INJECTION SPECIFICATIONS

Plasticizing unit		C750HD		C1100HD		
Screw diameter	mm	45	50	50	56	63
Injection pressure max.	kgf/cm ²	2192	1774	2345	1907	1509
Holding pressure max.	kgf/cm ²	2192	1774	2345	1907	1509
Injection capacity	cm ³	337	416	510	640	810
Injection weight (GPPS)	g	323	399	490	614	778
	oz	11.4	14.1	17.3	21.7	27.4
Plasticizing capacity max.	kg/hr	98	134	151	192	227
Injection rate max. (opt. high-velocity filling)	cm ³ /s	254 (445)	314 (549)	314 (549)	394 (689)	498 (872)
Screw stroke	mm	212		260		
Injection speed max. (opt. high-velocity filling)	mm/s	160 (280)				
Screw speed max.	rpm	250				
Number of temperature control zones		5		6		
Heater capacity (6 zones)	kW	11.1	12.2	19.2	21.1	28.4
Nozzle contact force	kN	43		58		
Injection unit stroke (penetration)	mm	395 (65)				
Hopper capacity	liter	50		100		

MACHINE SPECIFICATIONS

Main breaker capacity	amps	225 @ 230 V
Machine dimensions (L x W x H)	mm	6566 x 1832 x 2025
Machine weight	Metric tons	11.1

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