



SE100EV-HD (Metric Units)

High-Duty All-Electric

CLAMP SPECIFICATIONS

Clamping force	kN	1000
Distance between tie-bars	mm	460 x 460
Overall size of platens (H x V)	mm	650 x 650
Open daylight (max.) (Option B084 selected)	mm	800 (900)
Mold space (min.-max.) (Option B084 selected)	mm	180~450 (180~550)
Opening stroke (max.)	mm	350
Mold open/close speed (max.)	mm/sec	800
Locating ring diameter	mm	100
Ejector pattern		Motor Driven Type (5 Points)
Ejector stroke (Option B110 selected)	mm	100 (150)
Ejector force (Option B108 selected)	kN	32 (59)

INJECTION SPECIFICATIONS

Plasticizing unit		C230HD			C430HD		
		mm	28	32	36	36	40
Screw diameter	mm	28	32	36	36	40	45
Injection pressure	kgf/cm ²	2,896	2,213	1,744	2,753	2,223	1,764
Holding pressure	kgf/cm ²	2,896	2,213	1,744	2,753	2,223	1,764
Injection capacity	cm ³	86	112	142	162	201	254
Injection weight (GPPS)	g	82	107	136	155	192	243
	oz	2.9	3.7	4.8	5.5	6.8	8.6
Plasticizing capacity (max.)	kg/hr	37	53	76	76	101	136
Screw speed (max.)	rpm	400			400		
Heater capacity (6 zones)	KW	6.5	7.5	8.4	8.4	10.3	11.5
Injection rate (max.) (Option C059 selected)	cm ³ /sec	123 (98)	160 (128)	203 (162)	203 (162)	251 (201)	318 (254)
Injection speed (max.) (Option C059 selected)	mm/sec	200 (160)			200 (160)		
Screw stroke	mm	140			160		
Nozzle contact force	kN	43			43		
Injection unit stroke (penetration)	mm	320 (45)			380 (45)		
Hopper capacity	liter	30			50		

MACHINE SPECIFICATIONS

Main breaker capacity	amps	125	
Machine dimensions (L x W x H)	mm	4502 x 1192 x 1837 (4602 x 1192 x 1837)	4502 x 1192 x 1932 (4602 x 1192 x 1932)
Machine weight	kg	4,000	4,300

NOTE: Specifications subject to change without notice.

www.sumitomo-shi-demag.us
Toll-free: 866-491-1045