



SE180EV-HD (English Units)

High-Duty All-Electric

CLAMP SPECIFICATIONS

Clamping force	U.S. ton	202
Distance between tie-bars	in	22.1 x 22.1
Overall size of platens (H x V)	in	31.5 x 31.3
Open daylight (max.) (Option B084 selected)	in	37.4 (41.3)
Mold space (min.-max.) (Option B084 selected)	in	7.87~19.7 (7.87~23.6)
Opening stroke (max.)	in	17.7
Mold open/close speed (max.)	in/sec	31.5
Locating ring diameter	in	4.7
Ejector pattern		Motor Driven Type (5 Points)
Ejector stroke (Option B110 selected)	in	4.7 (5.9)
Ejector force (Option B108 selected)	U.S. ton	5.5 (6.6)

INJECTION SPECIFICATIONS

Plasticizing unit		C430HD			C730HD	
		mm	36	40	45	45
Screw diameter	mm	36	40	45	45	50
Injection pressure	p.s.i.	39,160	31,618	25,091	31,183	25,237
Holding pressure	p.s.i.	39,160	31,618	25,091	31,183	25,237
Injection capacity	in ³	9.9	12.3	15.5	20.6	25.4
Injection weight (GPPS)	g	155	192	243	324	400
	oz	5.5	6.8	8.6	11.4	14.1
Plasticizing capacity (max.)	lb/hr	168	222	300	216	295
Screw speed (max.)	rpm	400			250	
Heater capacity (6 zones)	KW	8.5	10.3	11.5	11.5	12.6
Injection rate (max.) (Option C059 selected)	in ³ /sec	12.4 (9.9)	15.3 (12.3)	19.4 (15.5)	15.5 (13.6)	19.2 (16.7)
Injection speed (max.) (Option C059 selected)	in/sec	7.9 (6.3)			6.3 (5.5)	
Screw stroke	in	6.3			8.4	
Nozzle contact force	U.S. ton	4.83			4.83	
Injection unit stroke (penetration)	in	14.96 (2.6)			14.96 (2.6)	
Hopper capacity	in ³	3,050			3,050	

MACHINE SPECIFICATIONS

Main breaker capacity	amps	175
Machine dimensions (L x W x H)	in	205 x 54 x 79.5
Machine weight	lbs.	13,668

NOTE: Specifications subject to change without notice.

www.sumitomo-shi-demag.us

Toll-free: 866-491-1045