



SE100EV-HD (English Units) High-Duty All-Electric

CLAMP SPECIFICATIONS

Clamping force	U.S. ton	112
Distance between tie-bars	in	18.1 x 18.1
Overall size of platens (H x V)	in	25.6 x 25.6
Open daylight (max.) (Option B084 selected)	in	31.5 (35.4)
Mold space (min.-max.) (Option B084 selected)	in	7.1~17.7 (7.1~21.7)
Opening stroke (max.)	in	13.8
Mold open/close speed (max.)	in/sec	31.5
Locating ring diameter	in	3.9
Ejector pattern		Motor Driven Type (5 Points)
Ejector stroke (Option B110 selected)	in	3.9 (5.9)
Ejector force (Option B108 selected)	U.S. ton	3.6 (6.6)

INJECTION SPECIFICATIONS

Plasticizing unit		C230HD			C430HD		
		mm	28	32	36	36	40
Screw diameter	mm	28	32	36	36	40	45
Injection pressure	p.s.i.	41,190	31,473	24,801	39,160	31,618	25,091
Holding pressure	p.s.i.	41,190	31,473	24,801	39,160	31,618	25,091
Injection capacity	in ³	5.3	6.8	8.7	9.9	12.3	15.5
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.)	lb/hr	81.6	117	168	168	222	300
Screw speed (max.)	rpm	400					
Heater capacity (6 zones)	KW	6.5	7.5	8.4	8.4	10.3	11.5
Injection rate (max.) (Option C059 selected)	in ³ /sec	7.5 (6.0)	9.8 (7.8)	12.4 (9.9)	12.4 (9.9)	15.3 (12.3)	19.4 (15.5)
Injection speed (max.) (Option C059 selected)	in/sec	7.9 (6.3)			7.9 (6.3)		
Screw stroke	in	5.5			6.3		
Nozzle contact force	U.S. ton	4.83			4.83		
Injection unit stroke (penetration)	in	12.6 (1.8)			15.0 (1.8)		
Hopper capacity	in ³	1,830			3,050		

MACHINE SPECIFICATIONS

Main breaker capacity	amps	125	
Machine dimensions (L x W x H)	in	177 x 47 x 72 (181 x 47 x 72)	177 x 47 x 76 (181 x 47 x 76)
Machine weight	lbs.	8,818	9,480

NOTE: Specifications subject to change without notice.

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