



SE100D (English Units)

Direct-Drive All-Electric

www.sumitomoPM.com

CLAMP SPECIFICATIONS

Clamping force	U.S. tons	110
Distance between tie-bars	in	18.11 x 16.14
Overall size of platens (H x V)	in	25.59 x 23.62
Open daylight (max.)	in	29.92
Mold space (min.-max.)	in	7.09 - 16.14
Opening stroke (max.)	in	13.78
Mold open/close speed (max.)	in/sec	47.2
Locating ring diameter	in	4.0
Ejector pattern		Center, 7.0 in (5 points)
Ejector stroke	in	3.94
Ejector force	U.S. tons	3.63

INJECTION SPECIFICATIONS

Plasticizing unit		C160S			C250M			C360M		
Screw diameter	mm	25	28	32	28	32	36	32	36	40
Injection pressure	p.s.i.	39,820	31,710	24,320	41,240	31,570	24,890	39,670	31,280	24,320
Holding pressure	p.s.i	31,850	25,370	19,450	32,990	25,250	19,910	31,740	25,030	19,450
Injection capacity	in ³	3.1	3.9	5.1	5.2	6.9	8.7	7.9	9.9	12.3
Injection weight (GPPS)	g	49	61	80	83	108	137	124	156	193
	oz	1.7	2.2	2.8	2.9	3.8	4.8	4.4	5.5	6.8
Plasticizing capacity (max.)	lb/hr	57	81	117	81	117	167	117	167	222
Injection rate (max.)	in ³ /sec	12.0	15.0	19.6	11.3	14.7	18.6	14.7	18.6	23.0
Screw stroke	in	4.09			5.51			6.30		
Injection speed (max.)	in/sec	15.7			11.8			11.8		
Screw speed (max.)	rpm	400			400			400		
Heater capacity (4 zones)	KW	4.1	4.6	5.1	6.6	7.6	8.5	7.6	8.5	10.5
Nozzle contact force	U.S. tons	1.32			1.32			1.32		
Injection unit stroke (penetration)	in	12.01 (1.18)			12.60 (1.77)			12.60 (1.77)		
Hopper capacity	in ³	1831			1831			1831		

MACHINE SPECIFICATIONS

Main breaker capacity	amps	150	150	150
Machine dimensions (L x W x H)	in	183 x 46 x 70	183 x 46 x 73	183 x 46 x 73
Machine weight	U.S. tons	4.3	4.4	4.5

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