



SE100D (Metric Units)

Direct-Drive All-Electric

www.sumitomoPM.com

CLAMP SPECIFICATIONS

Clamping force	tonf	100
Distance between tie-bars	mm	460 x 410
Overall size of platens (H x V)	mm	650 x 600
Open daylight (max.)	mm	760
Mold space (min.-max.)	mm	180 - 410
Opening stroke (max.)	mm	350
Mold open/close speed (max.)	mm/sec	1200
Locating ring diameter	mm	101.6
Ejector pattern		Center, 178mm (5 points)
Ejector stroke	mm	100
Ejector force	tonf	3.3

INJECTION SPECIFICATIONS

Plasticizing unit		C160S			C250M			C360M		
Screw diameter	mm	25	28	32	28	32	36	32	36	40
Injection pressure	kgf/cm ²	2800	2230	1710	2900	2220	1750	2790	2200	1710
Holding pressure	kgf/cm ²	2240	1784	1368	2320	1776	1400	2232	1760	1368
Injection capacity	cm ³	51	64	84	86	113	143	129	163	201
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.)	kg/hr	26	37	53	37	53	76	53	76	101
Injection rate (max.)	cm ³ /sec	196	246	322	185	241	305	241	305	377
Screw stroke	mm	104			140			160		
Injection speed (max.)	mm/sec	400			300			300		
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	kgf	1200			1200			1200		
Injection unit stroke (penetration)	mm	305 (30)			320 (45)			320 (45)		
Hopper capacity	ℓ	30			30			30		

MACHINE SPECIFICATIONS

Main breaker capacity	amps	150	150	150
Machine dimensions (L x W x H)	mm	4630 x 1169 x 1772	4630 x 1169 x 1853	4630 x 1169 x 1853
Machine weight	tonf	3.9	4.0	4.1

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