



SE18D (English Units)
Direct-Drive All-Electric

www.sumitomoPM.com

CLAMP SPECIFICATIONS

Clamping force	U.S. tons	20
Distance between tie-bars	in	10.23 x 9.25
Overall size of platens (H x V)	in	13.97 x 13.97
Open daylight (max.)	in	16.14
Mold space (min.-max.)	in	5.12 – 9.84
Opening stroke (max.)	in	6.30
Mold open/close speed (max.)	in/sec	47.2
Locating ring diameter	in	2.36
Ejector pattern		Center (1 point)
Ejector stroke	in	1.98
Ejector force	U.S. tons	0.88

INJECTION SPECIFICATIONS

Plasticizing unit		C30S			
Screw diameter	mm	14	16	18	20
Injection pressure	p.s.i.	32,420	34,130	30,490	24,690
Holding pressure	p.s.i.	32,420	30,860	24,390	19,750
Injection capacity	in ³	0.38	0.67	0.85	1.04
Injection weight (GPPS)	g	5.9	11	13	17
	oz	0.2	0.4	0.5	0.6
Plasticizing capacity (max.)	lb/hr	11.2	20.9	28.6	35.2
Injection rate (max.)	in ³ /sec	4.58	6.16	7.75	9.58
Screw stroke	in	1.57	2.17		
Injection speed (max.)	in/sec	19.69			
Screw speed (max.)	rpm	460	430		
Heater capacity (4 zones)	KW	2.1	2.5	2.5	2.9
Nozzle contact force	U.S. tons	0.33			
Injection unit stroke (penetration)	in	7.48 (2.56)			
Hopper capacity	in ³	366			

MACHINE SPECIFICATIONS

Main breaker capacity	amps	60
Machine dimensions (L x W x H)	in	98 x 32 x 61
Machine weight	U.S. tons	1.32

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