



SE18D (Metric Units)
Direct-Drive All-Electric

www.sumitomoPM.com

CLAMP SPECIFICATIONS

Clamping force	tonf	18
Distance between tie-bars	mm	260 x 235
Overall size of platens (H x V)	mm	355 x 355
Open daylight (max.)	mm	410
Mold space (min.-max.)	mm	130 - 250
Opening stroke (max.)	mm	160
Mold open/close speed (max.)	mm/sec	1200
Locating ring diameter	mm	60
Ejector pattern		Center (1 point)
Ejector stroke	mm	50
Ejector force	tonf	0.8

INJECTION SPECIFICATIONS

Plasticizing unit		C30S			
Screw diameter	mm	14	16	18	20
Injection pressure	kgf/cm ²	2280	2400	2144	1736
Holding pressure	kgf/cm ²	2280	2170	1715	1389
Injection capacity	cm ³	6.2	11	14	17
Injection weight (GPPS)	g	5.9	11	13	17
	oz	0.2	0.4	0.5	0.6
Plasticizing capacity (max.)	kg/hr	5.1	9.5	13	16
Injection rate (max.)	cm ³ /sec	77	101	127	157
Screw stroke	mm	40	55		
Injection speed (max.)	mm/sec	500			
Screw speed (max.)	rpm	460	430		
Heater capacity (4 zones)	KW	2.1	2.5	2.5	2.9
Nozzle contact force	kgf	300			
Injection unit stroke (penetration)	mm	190 (65)			
Hopper capacity	ℓ	6			

MACHINE SPECIFICATIONS

Main breaker capacity	amps	60
Machine dimensions (L x W x H)	mm	2477 x 795 x 1531
Machine weight	tonf	1.2

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