



SE280S (English Units)

All-Electric

www.sumitomoPM.com

CLAMP SPECIFICATIONS

Clamping force	U.S. tons	308
Distance between tie-bars	in	24.80 x 24.80
Overall size of platens (H x V)	in	35.43 x 35.43
Open daylight (max.)	in	48.03
Mold space (min.-max.)	in	9.84 - 24.41
Opening stroke (max.)	in	23.62
Mold open/close speed (max.)	in/sec	30.3
Locating ring diameter	in	4.0
Ejector pattern		Center, 7.0 in, 16.0 in (13 points)
Ejector stroke	in	5.91
Ejector force	U.S. tons	6.82

INJECTION SPECIFICATIONS

Plasticizing unit		C1250L		
Screw diameter	mm	50	56	63
Injection Pressure (@ 30% max. DC)	p.s.i.	39,816	31,711	25,027
Holding Pressure (@ 30% max. DC)	p.s.i.	31,853	25,368	20,022
Injection capacity	in ³	27.3	34.3	43.4
Injection weight (GPPS)	g	430	539	682
	oz	15.2	19.1	24.2
Plasticizing capacity (max.)	lb/hr	444	541	638
Injection rate (max.)	in ³ /sec	24.0	30.0	38.0
Screw stroke	in	8.98		
Injection speed (max.)	in/sec	7.87		
Screw speed (max.)	rpm	400	360	320
Heater capacity (4 zones)	KW	19.8	22.4	27.0
Nozzle contact force	U.S. tons	2.75		
Injection unit stroke (penetration)	in	16.93 (2.56)		
Hopper capacity	in ³	6102		

MACHINE SPECIFICATIONS

Main breaker capacity	amps	125 @ 200V 100 @ 480V
Machine dimensions (L x W x H)	in	251 x 66 x 88
Machine weight	U.S. tons	14.1

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