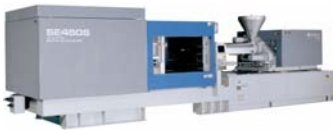
BACK TO SES SPECIFICATIONS PAGE



SE280S (Metric Units)

All-Electric

www.sumitomoPM.com

CLAMP SPECIFICATIONS

Clamping force	tonf	280
Distance between tie-bars	mm	630 x 630
Overall size of platens (H x V)	mm	900 x 900
Open daylight (max.)	mm	1220
Mold space (min.-max.)	mm	250 - 620
Opening stroke (max.)	mm	600
Mold open/close speed (max.)	mm/sec	770
Locating ring diameter	mm	101.6
Ejector pattern		Center, 178mm, 406mm (13 points)
Ejector stroke	mm	150
Ejector force	tonf	6.2

INJECTION SPECIFICATIONS

Plasticizing unit		C1250L		
Screw diameter	mm	50	56	63
Injection Pressure (@ 30% max. DC)	kgf/cm²	2800	2230	1760
Holding Pressure (@ 30% max. DC)	kgf/cm²	2240	1784	1408
Injection capacity	cm³	448	562	711
Injection weight (GPPS)	g	430	539	682
	oz	15.2	19.1	24.2
Plasticizing capacity (max.)	kg/hr	202	246	290
Injection rate (max.)	cm³/sec	393	493	623
Screw stroke	mm	228		
Injection speed (max.)	mm/sec	200		
Screw speed (max.)	rpm	400	360	320
Heater capacity (4 zones)	KW	19.8	22.4	27.0
Nozzle contact force	kgf	2500		
Injection unit stroke (penetration)	mm	430 (65)		
Hopper capacity	ℓ	100		

MACHINE SPECIFICATIONS

Main breaker capacity	amps	125 @ 200V 100 @ 480V
Machine dimensions (L x W x H)	mm	6358 x 1668 x 2225
Machine weight	tonf	12.8

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