



## SE280HS-CI (Metric Units)

Multi-Shot All-Electric

[www.sumitomoPM.com](http://www.sumitomoPM.com)

### CLAMP SPECIFICATIONS

Clamping force	tonf	280
Distance between tie-bars	mm	920 x 560
Open daylight (max.)	mm	1070
Mold space (min.-max.)	mm	210 - 560
Opening stroke (max.)	mm	510 (480 when ejector brake is equipped)
Mold open/close speed (max.)	mm/sec	1300
Locating ring diameter	mm	101.6mm SPI, 100mm JIS
Ejector pattern		Center, 178mm SPI, 200mm JIS (5 points x 2)
Ejector stroke	mm	150
Ejector force	tonf	4.6
Mold max weight on moving platen	kg	500 x 2

### INJECTION SPECIFICATIONS

Plasticizing unit		C250M*			C360M			C510M		
Screw diameter	mm	28	32	36	32	36	40	40	45	50
Injection pressure max.	kgf/cm <sup>2</sup>	2900	2220	1750	2790	2200	1710	2500	1970	1600
Holding pressure max.	kgf/cm <sup>2</sup>	2320	1776	1400	2232	1760	1368	2000	1576	1280
Injection capacity	cm <sup>3</sup>	86	113	143	129	163	201	201	254	314
Injection weight (GPPS)	g	83	108	137	124	156	193	193	244	302
	oz	2.9	3.8	4.8	4.4	5.5	6.8	6.8	8.7	10.7
Plasticizing capacity (max.)	kg/hr	37	53	76	53	76	101	101	136	193
Injection rate (max.)	cm <sup>3</sup> /sec	185	241	305	241	305	377	377	477	589
Screw stroke	mm	140			160					
Injection speed (max.)	mm/sec	300								
Screw speed (max.)	rpm	400								
Heater capacity (5 zones)	KW	6.6	7.6	8.5	7.6	8.5	10.4	10.4	11.1	11.3
Nozzle contact force	kgf	1200			1200			2500		
Injection unit stroke (penetration)	mm	390 (45)			440 (65)					
Hopper capacity	ℓ	30 x 2								

### MACHINE SPECIFICATIONS

Main breaker capacity	amps	225
Machine dimensions (L x W x H)	mm	6403 x 1790 x 1997
Machine weight	tonf	17

**NOTES:** Specifications subject to change without notice. Machine series photo at top may be different model size.  
 \* If C250M is selected, it must be selected for both injection units.