



SE280HS (Metric Units) High-Speed All-Electric

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CLAMP SPECIFICATIONS

Clamping force	tonf	280
Distance between tie-bars	mm	685 x 635
Overall size of platens (H x V)	mm	950 x 885
Open daylight (max.)	mm	1220
Mold space (min.-max.)	mm	350 - 620
Opening stroke (max.)	mm	600
Mold open/close speed (max.)	mm/sec	1300
Locating ring diameter	mm	101.6
Ejector pattern		Center, 178mm, 406mm (13 points)
Ejector stroke	mm	150
Ejector force	tonf	6.0

INJECTION SPECIFICATIONS

Plasticizing unit		C900L			C1250L		
Screw diameter	mm	45	50	56	50	56	63
Injection pressure	kgf/cm ²	2730	2210	1760	2800	2230	1760
Holding pressure	kgf/cm ²	2180	1760	1400	2240	1780	1400
Injection capacity	cm ³	329	406	510	448	562	711
Injection weight (GPPS)	g	316	390	489	430	539	682
	oz	11.2	13.8	17.3	15.2	19.1	24.2
Plasticizing capacity (max.)	kg/hr	149	202	246	202	246	290
Screw speed (max.)	rpm	400	400	360	400	360	320
Heater capacity (6 zones)	KW	23.3	26.8	31.2	26.8	31.2	37.1
Injection rate (max.)	cm ³ /sec	477	589	739	589	739	935
Injection speed (max.)	mm/sec	300			300		
Screw stroke	mm	207			228		
Nozzle contact force	kgf	6000			6000		
Injection unit stroke (penetration)	mm	450 (65)			450 (65)		
Hopper capacity	ℓ	100			100		

MACHINE SPECIFICATIONS

Main breaker capacity	amps	225 @ 230V	
Machine dimensions (L x W x H)	mm	7211 x 1680 x 2235	
Machine weight	tonf	13.0	13.7

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