



SE180DU (Metric Units)

Direct-Drive All-Electric

www.sumitomoPM.com

CLAMP SPECIFICATIONS

Clamping force	tonf	180
Distance between tie-bars	mm	560 x 510
Overall size of platens (H x V)	mm	800 x 750
Open daylight (max.)	mm	950
Mold space (min.-max.)	mm	200 – 500
Opening stroke (max.)	mm	450
Mold open/close speed (max.)	mm/sec	1200
Locating ring diameter	mm	100
Ejector pattern		Center, 200mm (5 points)
Ejector stroke	mm	120
Ejector force	tonf	4.6

INJECTION SPECIFICATIONS

Plasticizing unit		C360M			C450M			C510M			C700M		
Screw diameter	mm	32	36	40	36	40	45	40	45	50	45	50	
Injection pressure	kgf/cm ²	2790	2200	1710	2650	2140	1690	2500	1970	1600	2232	1760	
Holding pressure	kgf/cm ²	2232	1760	1368	2120	1712	1352	2000	1576	1280	2232	1760	
Injection capacity	cm ³	129	163	201	163	201	254	201	254	314	329	406	
Injection weight (GPPS)	g	124	156	193	156	193	244	193	244	302	316	390	
	oz	4.4	5.5	6.8	5.5	6.8	8.7	6.8	8.7	10.7	11.2	13.8	
Plasticizing capacity (max.)	kg/hr	53	76	101	76	101	149	101	149	202	98	134	
Injection rate	cm ³ /sec	241	305	377	305	377	477	377	477	589	254	314	
Screw stroke	mm	160									207		
Injection speed (max.)	mm/sec	300									160		
Screw speed (rpm)	rpm	400									250		
Temp. Control Zones		5									6		
Heater capacity	KW	7.6	8.5	10.5	8.5	10.5	11.1	10.5	11.1	11.5	12.8	13.9	
Nozzle contact force	kgf	1200			2500								
Inj. unit stroke (penetration)	mm	380 (65)											
Hopper capacity	ℓ	30			50								

MACHINE SPECIFICATIONS

Main breaker capacity	amps	175											
Dimensions (L x W x H)	mm	5365 x 1284 x 1946			5365 x 1284 x 2041						5600 x 1284 x 2092		
Machine weight	tonf	6.4			6.5						6.8		

NOTE: Specifications subject to change without notice.