



SE180EV-A (English Units)

Advanced All-Electric Series



CLAMP SPECIFICATIONS

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Clamping force	U.S.tn	202
Distance between tie-bars	in	22.05 x 22.05
Overall size of platens (H x V)	in	31.50 x 31.30
Open daylight (max.)	in	37.40
Mold space (min.-max.)	in	7.87 - 19.69
Opening stroke (max.)	in	17.72
Mold open/close speed (max.)	in/sec	47.24
Locating ring diameter	in	4.0
Ejector pattern		Center, 7.0 in (5 points)
Ejector stroke	in	4.72
Ejector force	U.S.tn	5.06

INJECTION SPECIFICATIONS

Plasticizing unit		C250M			C360M			C450M			C560M		
Screw diameter	mm	28	32	36	32	36	40	36	40	45	40	45	50
Injection pressure	p.s.i.	41,191	31,473	24,801	39,595	31,183	25,382	37,565	30,313	23,931	39,740	31,328	25,382
Holding pressure	p.s.i.	41,191	31,473	24,801	39,595	31,183	25,382	37,565	30,313	23,931	39,740	31,328	25,382
Injection capacity	in ³	5.2	6.9	8.7	7.9	9.9	12.3	9.9	12.3	15.5	12.3	15.5	19.2
Injection weight (GPPS)	g	83	108	137	124	156	193	156	193	244	193	244	302
	oz	2.9	3.8	4.8	4.4	5.5	6.8	5.5	6.8	8.6	6.8	8.6	10.7
Plasticizing capacity (max.)	lb/hr	82	117	168	117	168	223	168	223	300	223	300	425
Injection rate	in ³ /sec	13.2	17.1	21.7	17.1	21.7	26.9	21.7	26.9	34.0	26.9	34.0	41.9
Screw stroke	in	5.51						6.30					
Injection speed (max.)	in/sec	13.78											
Screw speed (rpm)	rpm	400											
Heater capacity (5 zones)	KW	6.5	7.5	8.4	7.5	8.4	10.3	8.4	10.3	11.5	10.3	11.5	12.6
Nozzle contact force	U.S.tn	4.8											
Inj. unit stroke (penetration)	in	14.96 (2.56)											
Hopper capacity	in ³	1831						3051					

MACHINE SPECIFICATIONS

Main breaker capacity	amps	175			
Dimensions (L x W x H)	in	202x54x76	202x54x76	202x54x79	202x54x79
Machine weight	U.S.tn	7.1	7.2	7.3	7.5

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