



SE30EV-A (English Units)

Advanced All-Electric Series

CLAMP SPECIFICATIONS

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Clamping force	U.S. ton	34
Distance between tie-bars	in	12.20 x 11.42
Overall size of platens (H x V)	in	17.32 x 16.54
Open daylight (max.)	in	20.87 (22.83 optional)
Mold space (min.-max.)	in	5.12 – 11.81 (5.21 – 13.78 optional)
Opening stroke (max.)	in	9.06
Mold open/close speed (max.)	in/sec	47.2
Locating ring diameter	in	2.36 (1.02 optional)
Ejector pattern		Center (1 point)
Ejector stroke	in	1.97 (Ejector compressor selected: 1.18)
Ejector force	U.S. ton	0.88 (Ejector compressor selected: 3.26)

INJECTION SPECIFICATIONS

Plasticizing unit		C35S		C65S			
		18	20	18	20	22	25
Screw diameter	mm	18	20	18	20	22	25
Injection pressure	p.s.i.	32,489	26,252	39,740	38,435	31,908	24,656
Holding pressure	p.s.i.	32,489	26,252	39,740	38,435	31,908	24,656
Injection capacity	in ³	0.9	1.1	1.2	1.5	1.8	2.3
Injection weight (GPPS)	g	13	17	18	23	28	36
	oz	0.5	0.6	0.6	0.8	1.0	1.3
Plasticizing capacity (max.)	lb/hr	24	31	22	29	40	57
Injection rate (max.) High load spec selected	in ³ /sec	9.3	11.5	8.5	10.5	12.8	16.4
		7.8	9.6	8.5	10.5	12.8	16.4
Screw stroke	in	2.28		3.07			
Injection speed (max.) High load spec selected	in/sec	23.62		21.65			
		19.69		21.65			
Screw speed (max.)	rpm	430		400			
Temp. Control Zones		4		4		5	
Heater capacity	KW	3.1	3.5	3.1	3.5	3.8	4.2
Nozzle contact force	U.S. ton	0.88		1.57			
Inj. unit stroke (penetration)	in	7.28 (1.18)		8.27 (1.18)			
Hopper capacity	in ³	915		915			

MACHINE SPECIFICATIONS

Main breaker capacity	amps	100	100
Machine dimensions (L x W x H)	in	123 x 38 x 58 (B145 selected: 124 x 41 x 58; 50mm extension selected: 125 x 38 x 58)	
Machine weight	U.S. ton	2.2	2.4

NOTE: Specifications subject to change without notice.