

TOSHIBA MACHINE

EC610SXII Injection Molding Machine

ITEM		Unit	EC610SXII				
CLAMP	Clamping Force	tf	550				
		US Ton	606				
	Tie Bar Distance (HxV)	mm	970 x 910				
		in	38.1 x 35.8				
	Platen Dimension (HxV)	mm	1365 x 1300				
		in	53.7 x 51.2				
	Clamp Stroke	mm	900				
		in	35.4				
	Maximum Daylight	mm	1900				
		in	74.8				
Mold Height (Min~Max)	mm	400 ~ 1000					
	in	15.7 ~ 39.4					
Ejector Force	tf	13.0					
	US Ton	14.3					
Ejector Stroke	mm	180					
	in	7.1					
INJECTION	Injection Unit		i26		i36		
	Barrel Code		AT	B	AT	B	
	Screw Diameter	mm	70	80	80	90	
		in	2.76	3.15	3.15	3.54	
	Injection Capacity	cm ³	1340	1750	1880	2380	
		in ³	82.2	107	115	146	
	Shot Volume	PS	g	1230	1610	1730	2190
			oz	43.4	56.8	61.0	77.2
		PE	g	980	1280	1370	1740
			oz	34.6	45.1	48.3	61.4
	Maximum Injection Pressure	MPa	190	145	190	150	
		PSI	27600	21000	27600	21800	
	Maximum Holding Pressure	MPa	160	122	160	126	
		PSI	23200	17700	23200	18300	
	Injection Velocity	STD	mm/s	160		140	
			in/s	6.3		5.5	
	Injection Rate	STD	cm ³ /s	615	804	704	891
			in ³ /s	37.6	49.1	42.9	54.4
	Injection Velocity	HIGH SPEED	mm/s	-	-	-	-
			in/s	-	-	-	-
	Injection Rate	HIGH SPEED	cm ³ /s	-	-	-	-
			in ³ /s	-	-	-	-
	Plasticizing Capacity (PS)	STD	g/sec	72.2	94.4	94.4	111.1
			oz/sec	2.55	3.33	3.33	3.92
		HIGH TORQUE	g/sec	47.2	63.9	61.1	77.8
			oz/sec	1.67	2.25	2.16	2.74
	Screw Speed	STD	rpm	180	170	170	150
		HIGH TORQUE	rpm	120	120	115	115
	Screw Torque	STD	N · m	2580	2580	3310	3310
			lbf · ft	1903	1903	2441	2441
HIGH TORQUE		N · m	3310	3310	4610	4610	
		lbf · ft	2441	2441	3400	3400	
Nozzle Touch Force	kN	44.1		58.8			
	US Ton	5.0		6.0			
GENERAL	Main Breaker Capacity	STD	A	200	200		
			kVA	84	90		
	Main Breaker Capacity	HIGH SPEED	A	-	-		
			kVA	-	-		
	Heater Capacity		kW	26.5	34.3		
	Machine Dimensions L x W x H	m	8.4 x 2.3 x 2.2	8.9 x 2.3 x 2.4	8.9 x 2.3 x 2.4		
		ft	27.6 x 7.5 x 7.3	29.1 x 7.5 x 7.7	29.1 x 7.5 x 7.7		
	Machine Weight	t	27.1	28.5			
US Ton		29.9	31.4				

Note: Specifications can change without notice. Contact Toshiba Machine for most current specifications.