

MDVR 110 TY

Specifications

Vertical Clamp / Horizontal Injection

Item		Unit	MDVR 110 TY		
Clamping Unit	Clamping System	-	Double Toggle		
	Clamping Force	kN (USt)	1000 (112.4)		
	Location Hole Diameter	(inch)	4		
	Machine Configuration	-	Three Tie Bars		
	Table Type	-	Oscillating		
	Max. Mold Open Stroke	mm (inch)	280 (11.02)		
	Mold Height: Min. / Max.	mm (inch)	250 / 350 (9.84 / 13.78)		
	Daylight	mm (inch)	630 (24.80)		
	Ejector Stroke	mm (inch)	75 (2.95)		
	Max. Mold Size	mm (inch)	430 X 430 (16.93 x 16.93)		
	Table Diameter	mm (inch)	1340 (52.76)		
	# of Stations	-	1 top, 2 bottom		
	Ejector Force	kN (USt)	30 (3.37)		
Injection Unit	Injection Unit	T•m	i 2.7		
	Screw Type	-	Y	A	B
	Screw Diameter	mm (inch)	* 30 (1.18)	35 (1.38)	40 (1.57)
	Screw Stroke	mm (inch)	140 (5.51)		
	Theoretical Shot Volume	cm ³ (cu.in)	99 (6.04)	135 (8.24)	176 (10.74)
	Shot Mass	g (oz)	91 (3.21)	124 (4.37)	162 (5.71)
	Max. Injection Pressure	(PSI)	270 (39160)	200 (29010)	155 (22480)
	Max. Holding Pressure	(PSI)	245 (35530)	180 (26110)	135 (19580)
	Max. Injection Speed	mm/s (inch/s)	300 (11.81)		
	Injection Rate	cm ³ /s (cu.in/s)	212 (12.94)	289 (17.64)	377 (23.01)
	Screw Speed	RPM	400		
	Plasticizing Capacity	kg/h (oz/s)	48 (0.47)	67 (0.66)	98 (0.94)
	Nozzle Stroke	mm (inch)	370 (14.57)		
	Nozzle Touch Force	TONS	3.26		
	Automatic Temperature Control Zone	-	1G + 3		
Heater Capacity	kW	6.95	8.15	8.15	
Others	Machine kVA	kVA	34		
	Machine Mass	t (USt)	6.8 (7.5)		
	Machine Size	L	m (inch) 3.81 (150)		
		W	m (inch) 1.56 (61.5)		
	H	m (inch) 2.07 (81.5)			

Notes: * "Y" size screws are option.
Specifications are subject to change without notice. (03-03)