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Scheda Tecnica



Codice: In 8984 AR 050 91

Marca: ARBURG

Modello: 320 M 500-210

Anno: 1991

Tonnellaggio: 50

Passaggio Colonne: 320 X 320

Diametro della Vite: 35

Volume d'iniezione calcolato: 115

Spessore Min/Max stampo: 250

Euromap: 500-210

Corsa piano mobile: 375

Control: MULTRONICA

Soffio aria: 1

Tutti i dati tecnici riportati sono indicativi, possono essere modificati senza preavviso e si riferiscono alle condizioni standard del bene nuovo. Il bene usato potrebbe non avere gli stessi valori del nuovo.

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Data Sheet ARBURG 320 M 500-210

International Designation [1]		**500-210**

Clamping Unit

Clamping Force/Locking Force max.	kN	**500**/500
Closing Force max.	kN	37
Mould Protection Force	kN	3,0 - 37
Opening Force max.	kN	37
Increased Opening Force max.	kN	194
Opening Stroke (adjustable)	mm	max. 375
Mould Height	mm	min. 250
Max. Daylight between Plates	mm	625
Daylight between Tie-bars	mm	**320 x 320**
Dimensions of Plates (hor. x vert.)	mm	490 x 490
Ejector Force max.	kN	38
Ejector Retract Force max.	kN	26,7
Ejector Stroke (hydr. Ejector) max.	mm	150

Injection Unit

Screw Diameters available	mm	**30**	**35**	**40**
Screw Length L/D	---	23,3	20	17,5
Screw Stroke max.	mm	150	150	150
Dosage Volume max.	ccm	106	144	188
Shot Volume max. [6]	ccm	**85**	**115**	**151**
Shot Weight	gPS	90	120	158
Injection Force max.	kN	145	145	145
Injection Pressure max.	bar	**2050**	**1500**	**1150**
Injection Flow Speed max.	ccm/s	80	110	140
Injection Flow Speed with Accumulator max.	ccm/s	283	385	502
Back Pressure max.	bar	320	235	180
Screw Rotation max.	1/min	370	370	370
Circumferential Speed of Screw max.	m/min	35	40	46
Screw Torque max.	Nm	360	360	360
Nozzle Contact Force max.	kN	60		
Nozzle Retract Stroke max.	mm	240		
Cylinder and Nozzle Heating	W	4 x 1200 + 310 = 5110		
Volume of Feed Hopper	Litre	50		

Hydraulic, Drive Unit, Dimensions

Pump Motor, Power Consumption	kW	11
Hydraulic Oil Volume	Litre	220
Dry Cycles [7]	s	2,0
Total Power Consumption [4]	kW	16,5
Length x Width of Machine [3]	m	4,3 x 1,85
Height with hor./vert. Injection Unit [3]	m	2,0/3,23
Weight without Hydraulic Oil [3]	kg	3060

1 1st Designation: Clamping Force (kN)
2nd Designation: max. Shot Volume (ccm) x max. Injection Pressure (kbar)
2 Injection Pressure limited to 2500 bar
3 (With) Standard Equipment
4 At 380 or 220 V Threephase Current, 50 Hz
6 Calculation based on Bulk Factor = 0,8
7 According to Euromap
8 Values in Brackets apply to Stronger Drive Unit

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