

DESMA

KDE Sales and Service, Inc.

969.300 Z Horizontal Clamp



Injection Unit - system: FIFO B

Injection volume	cm ³	350	500	800	1000	1600	2000
Maximum shot (@ 1.2 s.g.)	g	420	600	960	1200	1920	2400
Injection plunger diameter	mm	55	65	75	85	85	95
Injection pressure	bar	2200	1550	2200	1700	2000	1650
Plunger stroke	mm	150		180		290	
Injection force	kN	523		951		1178	
Injection rate, calc.	cm ³ /s	74	80	100	129	161	200
Screw diameter	mm	25		35		45	
Screw length	L : D	10		10		10	
Screw speed	RPM	20 - 220		20 - 250		20 - 160	
Screw, torque, max.	Nm	380		540		1260	
Heating capacity, temp. units	KW	1 x 4.5		2 x 4.5		2 x 4.5	
Injection nozzle contact force	KN	58		58		112	
Maximum strip dimensions	mm	40 x 6		45 x 7		60 x 8	

Clamping Unit

Clamping force	kN	3000	
Opening force	kN	58	
Opening stroke	mm	500	
Opening speed	mm/s	300	
Closing speed	mm/s	420	
Minimum mold height	mm	140	
Maximum daylight	mm	640	
Clearance between tie bars	mm	480 x 480	
Heating platens	mm	570 x 570	

Hydraulic core lifting device

Lifting force	kN	40	
Stroke	mm	0-250	

Central ejector

Ejection force	kN	49	
Stroke	mm	80	

General Data

Pump drive	bar-l/min.-kW	250 - 41 - 15	
Total connected load	kW	38	
Machine dimensions LxWxH	mm	5000 x 1580 x 2700	
Oil tank capacity	l	150	
Weight	kg	8000	

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