

DESMA

KDE Sales and Service, Inc.

968.100 ZO Top Injection

Technical Data-Metric Units



Injection Unit – system A:

Injection volume	cm ³	350	500	800	1000
Maximum shot (@ 1.2 s.g.)	g	420	600	960	1200
Injection plunger diameter	mm	55	65	75	85
Injection pressure	bar	2380	1700	2150	1670
Plunger stroke	mm	150		180	
Injection force	kN	567		950	
Injection rate, calc.	cm ³ /s	48	64	80	100
Screw diameter	mm	25		35	
Screw length	L : D	10		10	
Screw speed	RPM	20-220		20-250	
Screw, torque, max.	Nm	380		540	
Heating capacity, temp. units	KW	1x4.5		2x4.5	
Injection nozzle contact force	kN	78		78	
Maximum strip dimensions	mm	40 x 6		45 x 7	

Clamping Unit

Clamping force (option)	KN	1000 (1100)	
Clamping stroke	mm	Full hydraulic	
Opening force	kN	38	
Opening stroke	mm	450	
Opening speed	mm/s	300	
Closing speed	mm/s	470	
Minimum mold height	mm	100	
Maximum daylight	mm	550	
Clearance between tie bars	mm	305 x 415	
Heating platens, std. (option)	mm	320 x 400 (320 x 500) (400 x 500)	
Hydraulic core lifters			
Lifting force	kN	24.5	
Stroke	mm	200	

General Data

Pump drive	bar-l/min.-kW	250 / 28 / 7.5	
Total connected load	kW	20	
Machine dimensions LxWxH	mm	1950 x 1280 x 2930	
Oil tank capacity	l	100	
Weight	kg	5000	

KDE Sales and Service, 2195 Arbor Tech Drive, Hebron, KY
Tel. 859-525-6610, Fax 859-525-8972, www.klocknerdesma.com