

DESMA

KDE Sales and Service, Inc.

968.100 ZO Top Injection

Technical Data-US Units



Injection Unit - system: FIFO A

Injection volume	inch ³	21.4	30.5	48.8	61.0
Maximum shot (@ 1.2 s.g.)	lb	.93	1.32	2.12	2.65
Injection plunger diameter	inch	2.17	2.56	2.95	3.35
Injection pressure	psi	34,510	24,650	31,180	24,220
Plunger stroke	inch	5.91		7.09	
Injection force	US ton	63.7		106.8	
Injection rate, calc.	inch ³ /s	2.93	3.91	4.88	6.10
Screw diameter	inch	0.98		1.38	
Screw length	L : D	10		10	
Screw speed	RPM	20-220		20-250	
Screw, torque, max.	ft-lb	280		400	
Heating capacity, temp. units	KW	1x4.5		2x4.5	
Injection nozzle contact force	US ton	8.6		8.6	
Maximum strip dimensions	inch	1.6x.25		1.8x.25	

Clamping Unit

Clamping force (option)	US ton	112 (125)	
Clamping stroke	inch	Full hydraulic	
Opening force	US ton	4.3	
Opening stroke	inch	17.7	
Opening speed	inch/s	11.8	
Closing speed	inch/s	18.5	
Minimum mold height	inch	3.9	
Maximum daylight	inch	21.7	
Clearance between tie bars	inch	12.0x16.3	
Heating platens, std (option)	inch	12.6x15.7 (12.6x19.7) (15.7x19.7)	

Hydraulic core lifting device

Lifting force	US ton	2.7	
Stroke	inch	7.9	

General Data

Pump drive	psi-g/min.-kW	3625 / 7.3 / 7.5	
Total connected load	kW	20	
Machine dimensions LxWxH	inch	77x50x115	
Oil tank capacity	gal.	26	
Weight	lb.	11,000	

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