

Special Ball Flashing Machine

SFM 40



Spezial**M**aschinenfabrik-**S**chonungen-GmbH
D-97453 Schonungen

Technical Data

Special Ball Flashing Machine SFM 40

Working range:	Smallest ball diameter	[mm]	1
	Biggest ball diameter	[mm]	8
Machining pressure:	Maximum	[kN]	45
Pressure control:	Automatical		
Flashing precision:	Sphericity	according to ball diameter and DIN 5401	
	Load tolerance	according to ball diameter and DIN 5401	
Machining disks:	Special cast iron, hardened		
	Outer diameter	[mm]	400
	Inner diameter	[mm]	164
	Thickness	[mm]	80
	Speed	[min ⁻¹]	40 - 280
Standard ring magazine:	Outer diameter	[mm]	844
	Capacity, max.	[kg]	50
	Speed range	[min ⁻¹]	0,05-1,60
Driving data:	Total power supply	[kW]	8,5
Main drive:	Power	[kW]	7,5
	Speed	[min ⁻¹]	1000
Ring magazine drive:	Power	[kW]	0,25
	Speed	[min ⁻¹]	1500
Vertical adjustment of ring magazine:	Power	[kW]	0,12
	Speed	[min ⁻¹]	3000
Vertical adjustment of disks (electr.-mech.):	Power	[kW]	0,37
	Speed	[min ⁻¹]	3000
Ball Pushing Device (optional):	Power	[kW]	0,048
	Speed	[min ⁻¹]	3000
Coolant pump:	Power	[kW]	0,5
	Speed	[min ⁻¹]	3000
	Capacity	[l/min]	160
Space requirement of machine:	Length x Width	[mm]	2100 x 1450
	Total height	[mm]	2050
Weight of machine:	Net	[kg]	1235
	Gross	[kg]	1550
Dimensions of cases:	Length x Width x Height	[mm]	1400x1300x2280
	Volume	[m ³]	4,2

Constructional modifications reserved



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