

SSF1680 Parameters					
Items	Parameter	Unit	SSF1680		
Injection Unit	Screw diameter	mm	A	B	C
			42	45	50
	Screw L/D ratio	L/D	23.6	22	19.8
	Shot volume(theoretical)	Cm ³	311	357	441
	Injection weight(PS)	g	283	325	402
		Oz	10	11.5	14.2
	Plasticizing Capacity	g/s	20	27	34
	Injection rate	g/s	138	160	196
Injection pressure	Mpa	203	177	143	
	Screw speed	rmp	180		
Clamping unit	Clamp force	KN	1680		
	Open stroke	mm	435		
	Distance between tie bars (W*H)	mm	460*460		
	Max mould thickness	mm	520		
	Min mould thickness	mm	180		
	Ejector stroke	mm	135		
	Ejector force	KN	50		
	Ejector number	PC	5		
	Dia of mould location hole	mm	125		
Others	Max pump pressure	Mpa	16		
	Pump motor power	KW	18.5		
	Heating power	KW	12.3		
	Machine dimension(L*W*H)	m	5.13*1.45*2.12		
	Machine weight	T	6		
	Oil tank capacity	L	300		

Notes:(1)Theoretical injection volume=screw diameter×screw stroke;

(2)Actual injection weight is 91% of the theoretical volume;

(3)All the data is PS values.

Remark: Above-mentioned technical parameters are all theoretical values in 50HZ operation state. The technical parameters are subject to change for technical improvement without notice.