

HM MC 65

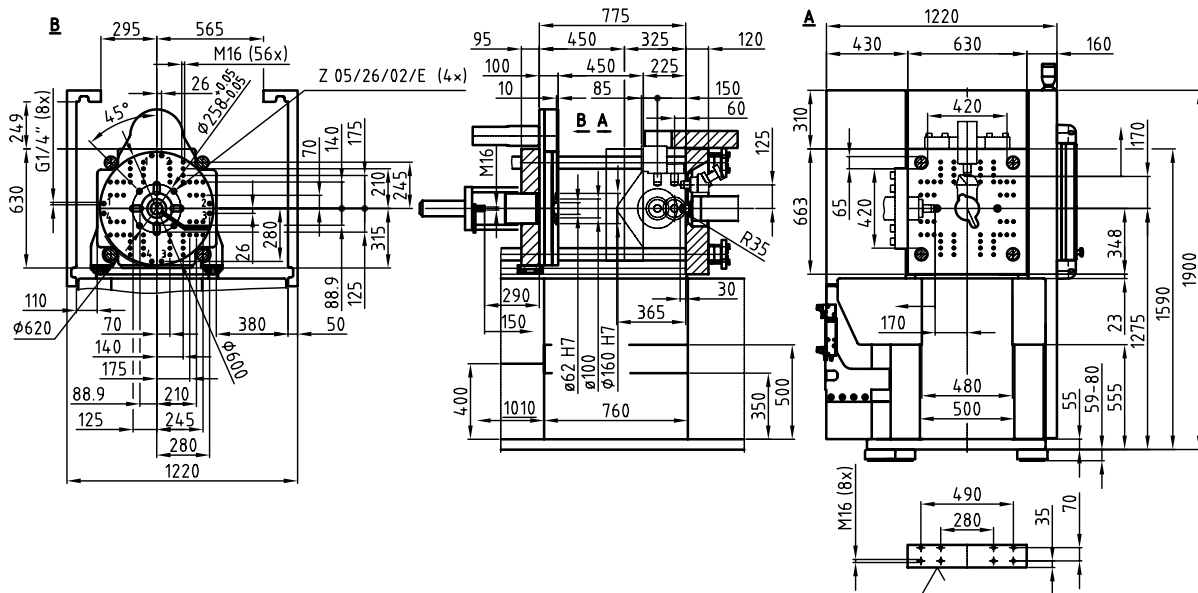
Clamping Unit		HM MC 65												
Clamping force	kN	650												
Distance between tie bars	mm x mm	420 x 420												
Mould height (min.)	mm	325												
Opening stroke/opening force	mm/kN	450/35												
Maximum daylight	mm	775												
Ejector stroke/ejector force	mm/kN	150/26,4												
Dry cycle time ¹	s-mm	1,8 - 259												
Injection Unit		60			130				210			350		
Screw diameter	mm	14	18	22	18	22	25	30	25	30	35	30	35	40
Screw stroke	mm	90			110		125		150			175		
Screw L/D ratio	mm	20			20		22		22			22		
Theoretical shot volume	cm ³	13,9	22,9	34,2	28	41,8	61,4	88,4	73,6	106	144	123	169	220
Specific injection pressure	bar	3000	2593	1736	3000	2864	2218	1540	2940	2042	1500	2835	2083	1595
Max. screw speed	min ⁻¹	498			318				310			298		
Max. plasticizing rate (PS) ²	g/s	1,7	5	7,2	3,2	4,6	8,5	12,3	8,2	12	18,6	11,6	17,9	28,5
Max. screw torque	Nm	90	231		238		357		490			621		
Nozzle stroke/contact force	mm/kN	250/47			250/47				250/86			250/86		
Injection rate into air ³	cm ³ /s	32,7	54,1	80,7	32,7	48,9	63,1	90,9	59,5	85,7	117	74,1	101	132
Injection rate into air with twin-pump (option)	cm ³ /s	65	108	161	77,7	116	150	216	143	206	280	216	294	384
Drive														
Drive power	kW	22			22				22			22		
Oil tank volume	l	250			250				250			250		
Rotary Unit		600												
Diameter	mm	600												
Height	mm	100												
Weight	kg	250												
Rotary time 180°	s	1												
Number of cooling circuits		2 x G 1/4"												
Min. mold diameter/ Max. mold diameter	mm	350/620												
Max. mold weight ⁴	kg	800												
Max. mold weight on rotary unit	kg	400												

¹ according to EUROMAP 6 ² according to Wittmann Battenfeld norm ³ increased injection rates are possible and depending on the chosen combination ⁴ max. 2/3 on clamping platen

Combinations	Weights	Dimensions in mm										
		V	S	L	a ⁵	b	c	d	e	f	g	h
HM 65/60H/60V-S-L	5000	3300	2600	2700								
HM 65/60H/130V-L	5000	3300	-	2700	3650	-505						
HM 65/60H/210V-L	5100	3600	-	3000								
HM 65/130H/60-130V-S-L	5000	3300	2600	2700	3650	-280	3650	1010	780	1760	1331	900
HM 65/130H/210V-L	5100	3600	-	3000								
HM 65/210H/60-130V-S-L	5100	3300	2600	2700	3675	25						
HM 65/210H/210V-S-L	5200	3300	2700	3000								
HM 65/350H/60-130V-S-L	5100	3300	2600	2700	3855	205						

⁵ max. length with middle screw diameter in back position

Mold clamping dimensions



Dimensions

