01MACHINERY s.r.l. Via Dante, 49 - 60043 Cerreto D'Esi (AN) ITALIA
Tel. +39 0732 678956 - Fax: +39 0732 670008
info@01machinery.com www.01machinery.com

Data Sheet



Code: In 8940 NB 060 94

Brand: NEGRI BOSSI

Model: NB 60

Year: 1994

Tonnage: 60

Clearence between tie-bars: 310 X 310

Screw diameter: 35

Calculated shot volume: 152

Min/Max mould thickness: 150-350

Euromap: 590H/210

Mov. plasten stroke: 180-310

Control: DIMIGRAPHIC 200

Air ejection: 1

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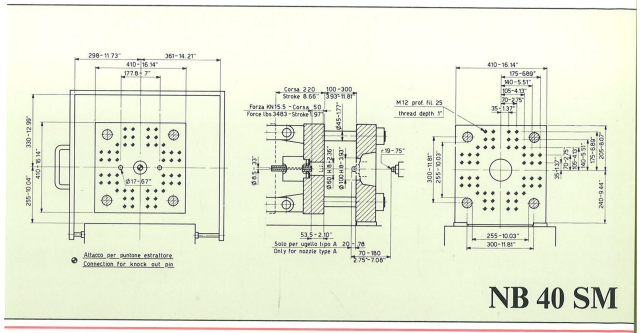
Technical data Características técnicas		NB 40						NB 60					
		SM 115			SM 210			SM 115			SM 210		
Classification EUROMAP **Clasificación**		**400H–115**			**400H–210**			**590H–115**			**590H–210**		
Screw diameter Diámetro del husillo	in. mm.	0.98 25	**1.10** **28**	1.26 32	1.10 28	**1.26** **32**	1.37 35	1.49 38	0.98 25	**1.10** **28**	1.26 32	1.10 28	1.26 32	**1.37** **35**	1.49 38
Screw lenght-to-diameter ratio Relación longitud/diámetro husillo	L/D	20.2	**18**	15.6	21	**18**	16.4	14.5	20.2	**18**	15.6	21	18	**16.4**	14.5
Calculated injection volume Volumen calculado de inyección	cu.in. cm^3	3.41 56	**4.27** **70**	5.61 92	5.9 97	**7.75** **127**	9.27 152	10.9 179	3.41 56	**4.27** **70**	5.61 92	5.9 97	7.75 127	**9.27** **152**	10.9 179
Real injection volume Volumen efectivo de inyección	cu.in. cm^3	3.05 50	**3.84** **63**	5.06 83	5.3 87	**7** **115**	8.2 135	9.76 160	3.05 50	**3.84** **63**	5.06 83	5.3 87	7 115	**8.2** **135**	9.76 160
Real injection capacity (PS) Capacidad efectiva inyección (PS)	oz. gr.	1.86 53	**2.33** **66**	3.07 87	3.17 90	**4.23** **120**	5.04 143	6 170	1.86 53	**2.33** **66**	3.07 87	3.17 90	4.23 120	**5.04** **143**	6 170
Injection rate Volumen de material inyectado	cu.in./sec cm^3/sec	3.11 51	**3.9** **64**	5.12 84	2.8 46	**3.66** **60**	4.33 71	5.12 84	3.66 60	**4.63** **76**	6.04 99	3.23 53	4.21 69	**5.06** **83**	5.98 98
Max. pressure on material Máx. presión sobre il material	p.s.i. bar	26,950 1895	**21,475** **1510**	16,430 1155	30720 2160	**23,540** **1655**	19,630 1380	16,640 1170	26,950 1895	**21,475** **1510**	16,430 1155	30720 2160	23,540 1655	**19,630** **1380**	16,640 1170
Plasticating capacity (PS) Capacidad de plastificación (PS)	lbs/h kg/h	66 30	**77** **35**	88 40	88 40	**106** **48**	119 54	132 60	84 38	**99** **45**	115 52	88 40	106 48	**119** **54**	132 60
* Plasticating capacity (PS) with M2 * Capacidad de plast. (PS) con M2	lbs/h kg/h	84 38	**99** **45**	115 52	154 70	**172** **78**	187 85	209 95	– –	– –	– –	154 70	172 78	**187** **85**	209 95
Max. screw rotating speed Max. velocidad rotación husillo	r.p.m.	250			250				460			290			
* Max. screw rotating speed (M2) * Max. velocidad rotación husillo (M2)	r.p.m.	410			160 ÷ 410				–			170 ÷ 460			
Screw torque Par de torsión del husillo	Nm	350			350				220			350			
* Screw torque (M2) * Par de torsión del husillo (M2)	Nm	220			530 ÷ 190				–			580 ÷ 220			
Barrel heating zones Zonas calefacción cilindro plastif.	No.	3			4				3			4			
Heating input power Potencia instalada de calefacción	kW	3			4.5				3			4.5			
Nozzle-mould hold-on force Fuerza de apoyo grupo inyección	kN	17			24				17			30			
Mould clamping force Fuerza de cierre sobre el molde	kN	400							590						
Mould opening force Fuerza de apertura del molde	kN	105							130						
Mould opening stroke Carrera de apertura molde	in. mm	8.66 220							7.08 ÷ 12.2 180 ÷ 310						
Mould daylight Espesor molde	in. mm	3.93 ÷ 11.81 100 ÷ 300							5.9 ÷ 13.78 150 ÷ 350						
Size of platens Dimensiones de los platos	in. mm	16.14 x 16.14 410 x 410							19.3 x 19.3 490 x 490						
Space between tie bars Distancia entre columnas	in. mm	10 x 10 255 x 255							12.2 x 12.2 310 x 310						
* Max. moulding frontal area * Max. superficie frontal moldeable	sq.in. cm^2	24.8 160							37.2 240						
Hydraulic ejection force Fuerza expulsor oleodinámico	kN	15.5							23						
Hydraulic ejector stroke Carrera del expulsor hidráulico	in. mm	1.97 50							2.75 70						
Hydraulic system pressure Presión de la istalación hidráulica	bar	140							140						
Shots per minute (dry cycle) Moldeos por minuto (sin carga)	m^{-1}	50							50						
Pump driving power Potencia motor de la bomba	kW	7.5							11						
Total installed power Potencia total instalada	kW	11			12				14			16			
Net weight of machine Peso de la prensa	lbs kg	3,260 1480			3,460 1570				4,630 2100			4,850 2200			
Overall sizes: length/width/heiht Dimensiones: largo/ancho/alto	in. mm	130.3 x 36.8 x 65.7 3310 x 935 x 1670			137 x 36.8 x 69.7 3480 x 935 x 1770				151.2 x 42.3 x 58.2 3840 x 1075 x 1480			157.8 x 42.3 x 62.2 4010 x 1075 x 1580			

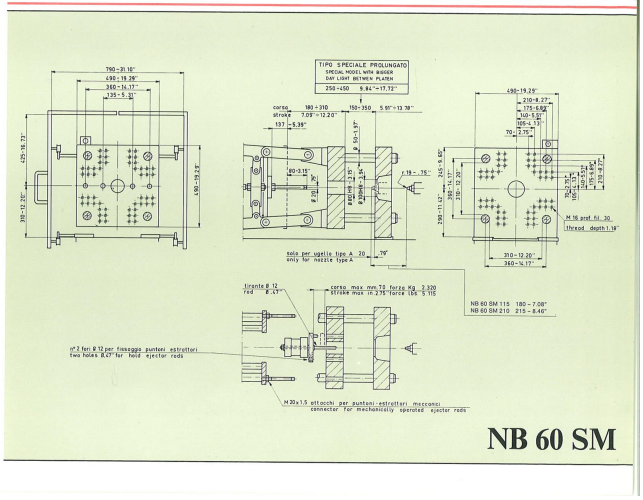
* Pressure assumed in the mould = 250 bar (3,555 psi).
* With hydraulic motor M2 (upon request).

* Presión considerada en el molde = 250 bar.
* Con motor oleodinámico M2 (sobre demanda).

The technical data are not binding and may be changed wihout notice.

Las características técnicas de la prensas no nos obligan y pueden ser modificadas sin preaviso.





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