

Basic Ejectors

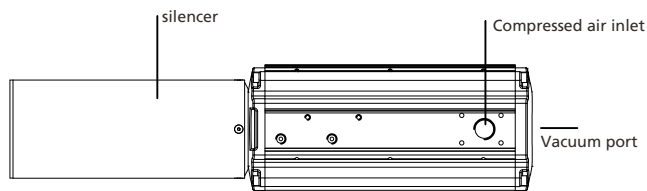
Basic Ejectors M6040

Suction capacity: 1710 L/min to 5952 L/min

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System Design Basic Ejectors M6040



Introduction and application

- ◆ Vacuum interface thread is G2" 1/2
- ◆ Available in a variety of configurations to customize to your specific needs. The Si vacuum tube provides high vacuum flow and the Xi vacuum tube provides high vacuum.

Design

- ◆ Body made of aluminum
- ◆ Can be used 5 to 16 vacuum tubes
- ◆ The seal is made of NBR rubber
- ◆ Alternate component: Plastic silencer vacuum table

Ordering Guide Basic Ejectors M6040

Type	Vacuum tube type	Series * Number	Ordering Data
M-6040-SI32-3X5	SI32	3 × 5	90.05.01.00159
M-6040-SI32-3X6	SI32	3 × 6	90.05.01.00160
M-6040-SI32-3X7	SI32	3 × 7	90.05.01.00161
M-6040-SI32-3X8	SI32	3 × 8	90.05.01.00162
M-6040-SI32-3X9	SI32	3 × 9	90.05.01.00163
M-6040-SI32-3X10	SI32	3 × 10	90.05.01.00164
M-6040-SI32-3X11	SI32	3 × 11	90.05.01.00165
M-6040-SI32-3X12	SI32	3 × 12	90.05.01.00166
M-6040-SI32-3X13	SI32	3 × 13	90.05.01.00167
M-6040-SI32-3X14	SI32	3 × 14	90.05.01.00168
M-6040-SI32-3X15	SI32	3 × 15	90.05.01.00169
M-6040-SI32-3X16	SI32	3 × 16	90.05.01.00170
M-6040-XI40-3X5	XI40	3 × 5	90.05.01.00147
M-6040-XI40-3X6	XI40	3 × 6	90.05.01.00148
M-6040-XI40-3X7	XI40	3 × 7	90.05.01.00149
M-6040-XI40-3X8	XI40	3 × 8	90.05.01.00150
M-6040-XI40-3X9	XI40	3 × 9	90.05.01.00151
M-6040-XI40-3X10	XI40	3 × 10	90.05.01.00152
M-6040-XI40-3X11	XI40	3 × 11	90.05.01.00153
M-6040-XI40-3X12	XI40	3 × 12	90.05.01.00154
M-6040-XI40-3X13	XI40	3 × 13	90.05.01.00155
M-6040-XI40-3X14	XI40	3 × 14	90.05.01.00156
M-6040-XI40-3X15	XI40	3 × 15	90.05.01.00157
M-6040-XI40-3X16	XI40	3 × 16	90.05.01.00158

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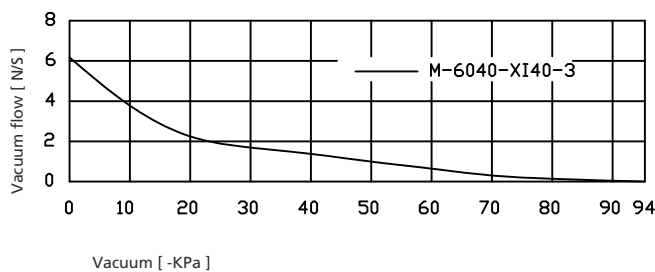
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Technical Data Basic Ejectors M6040

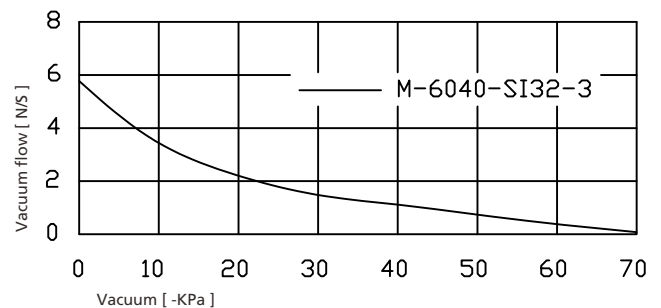
Type	Maximum vacuum [%]	Maximum suction force [l/min]	Air consumption [l/min]	Operating pressure [bar]	weight [g]	Operating temperature [°C]
M-6040-SI32-3X5	70	1710	450	5	4900	-10...80
M-6040-SI32-3X6	70	2052	540	5	4900	-10...80
M-6040-SI32-3X7	70	2394	630	5	4900	-10...80
M-6040-SI32-3X8	70	2736	720	5	4900	-10...80
M-6040-SI32-3X9	70	3078	810	5	4900	-10...80
M-6040-SI32-3X10	70	3420	900	5	4900	-10...80
M-6040-SI32-3X11	70	3762	990	5	4900	-10...80
M-6040-SI32-3X12	70	4104	1080	5	4900	-10...80
M-6040-SI32-3X13	70	4446	1170	5	4900	-10...80
M-6040-SI32-3X14	70	4788	1260	5	4900	-10...80
M-6040-SI32-3X15	70	5130	1350	5	4900	-10...80
M-6040-SI32-3X16	70	5472	1440	5	4900	-10...80
M-6040-XI40-3X5	91	1860	600	5	4900	-10...80
M-6040-XI40-3X6	91	2232	720	5	4900	-10...80
M-6040-XI40-3X7	91	2604	840	5	4900	-10...80
M-6040-XI40-3X8	91	2976	960	5	4900	-10...80
M-6040-XI40-3X9	91	3348	1080	5	4900	-10...80
M-6040-XI40-3X10	91	3720	1200	5	4900	-10...80
M-6040-XI40-3X11	91	4092	1320	5	4900	-10...80
M-6040-XI40-3X12	91	4464	1440	5	4900	-10...80
M-6040-XI40-3X13	91	4836	1560	5	4900	-10...80
M-6040-XI40-3X14	91	5208	1680	5	4900	-10...80
M-6040-XI40-3X15	91	5580	1800	5	4900	-10...80
M-6040-XI40-3X16	91	5952	1920	5	4900	-10...80

Performance curve Basic Ejectors M6040

Vacuum flow corresponding to different vacuum degrees at 5 bar working pressure



Vacuum flow corresponding to different vacuum degrees at 5 bar working pressure



* Single vacuum tube value, multiple stacks should be calculated

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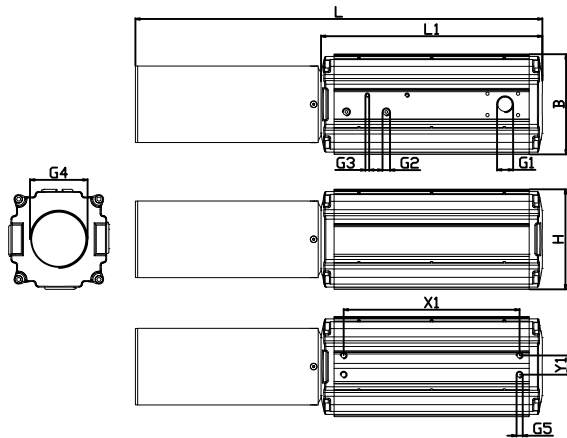
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M6040



Type	Dimensions [mm]										
	B	G1	G2	G3	G4	G5	H	L	L1	X1	Y1
M-6040	131	G1/2-F	G1/8-F	M5-F	G2-1/2-F	M8-F	131	532	290	230	25

Combined Suction Cups

Vacuum Suction Cups

Composite Suction Cups

Special Grippers

Vacuum Gripping Systems

Mounting Elements

Vacuum Generators

Valve Technology

Switch And Monitoring

Vacuum Filters