

Basic Ejectors

Basic Ejectors M6040

TC-Grip

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

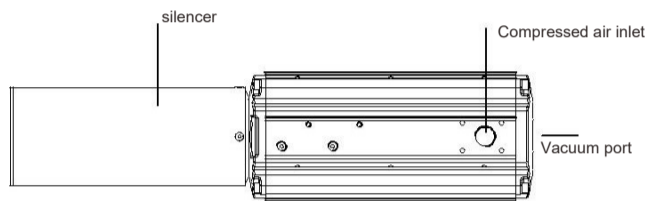
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Introduction and application

- ◆ 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.

System Design Basic Ejectors M6040



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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Technical Data Basic Ejectors M6040

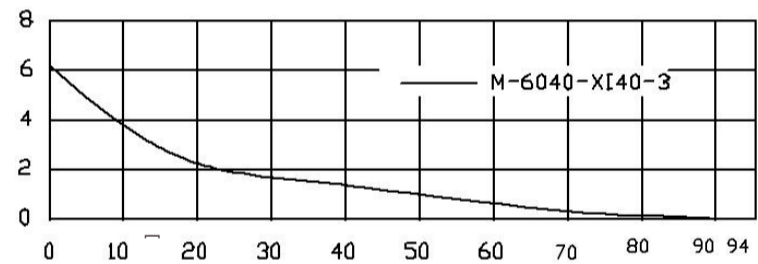
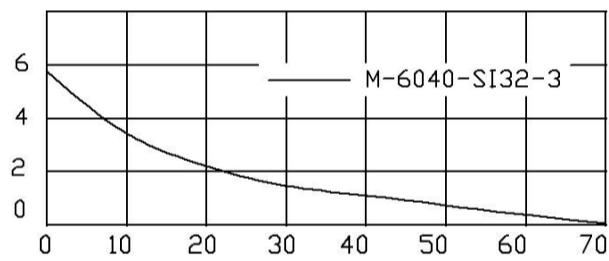
| Type | Maximum vacuum [%] | Maximum suction force [l/min] | Air consumption [l/min] | Operating pressure [bar] | weight [g] | Operating temperature [°C] |
|------------------|--------------------|-------------------------------|-------------------------|--------------------------|------------|----------------------------|
| 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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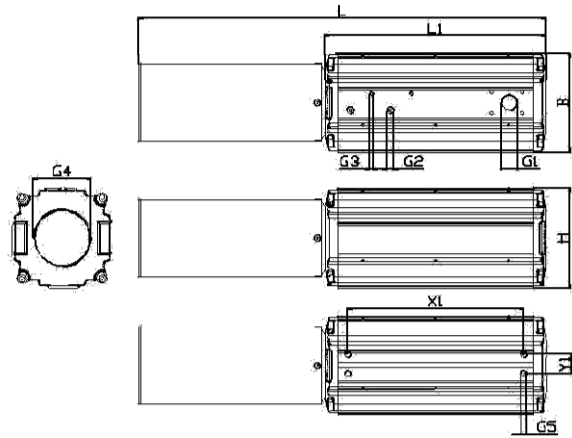
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Design Data Basic Ejectors M6040

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 |