

# MASTERFLEX<sup>®</sup>

## L/S<sup>®</sup> VARIABLE-SPEED AIR-POWERED DRIVES



**Air-Powered Drive  
shown with a  
High-Performance  
pump head**

## IDEAL FOR HAZARDOUS- DUTY LOCATIONS

Intrinsically safe when properly grounded for static electricity.

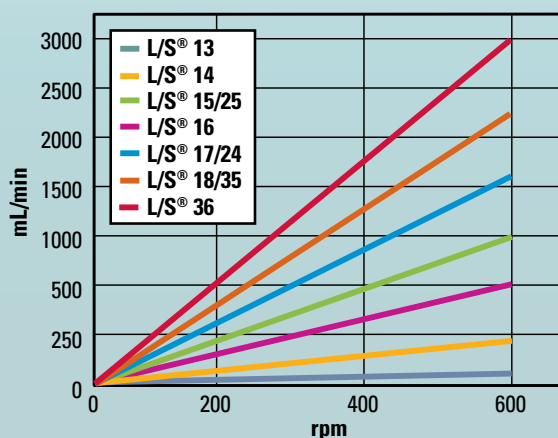
### FEATURES AND BENEFITS

- Deliver flow rates from 3.6 to 3400 mL/min (up to 54 GPH)
- Ideal for hazardous-duty locations
- Intrinsically safe when properly grounded for static electricity
- No electrical power required
- Wide flow control range (10:1 turndown)
- Reversible

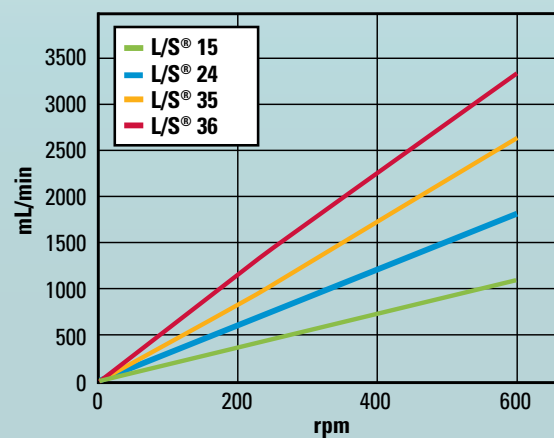


| CATALOG NUMBER                   | MK-77712-66  | MK-77712-75                | MK-77712-86                   |
|----------------------------------|--|----------------------------|-------------------------------|
| Includes pump head               | Easy-Load® II (thin wall)                                    | Easy-Load® II (thick wall) | High-Performance (thick wall) |
| <b>PERFORMANCE</b>               |  |                            |                               |
| Max number of pump heads         | 2  |                            |                               |
| RPM                              | 60 to 600  |                            |                               |
| Air supply requirements          | 10 cfm @ 150 psig  |                            |                               |
| <b>ELECTRICAL SPECIFICATIONS</b> |  |                            |                               |
| Motor Type                       | Rotary vane air motor  |                            |                               |
| Speed regulation (Repeatability) | ±10% (±15 rpm @ 60 to 150 rpm)<br>(±20 rpm @ 150 to 600 rpm) |                            |                               |
| <b>PHYSICAL SPECIFICATIONS</b>   |  |                            |                               |
| IP rating                        | IP44   |                            |                               |
| Agency approvals                 | UL, cUL, CE  |                            |                               |
| Operating temperature            | 0 to 40°C (32 to 104°F)                                      |                            |                               |
| Storage Temperature              | -10 to 65°C (-49 to 149°F)                                   |                            |                               |
| Footprint (L × W × H)            | 25.1 cm × 12.2 cm × 22.4 cm (9 7/8" × 4 13/16" × 8 13/16")   |                            |                               |
| Shipping Weight                  | 6.9 kg (15 lb)   |                            | 7.6 kg (17 lb)                |

**Flow Curves**  
L/S® Easy-Load® II Pump Head



**Flow Curves**  
L/S® High-Performance Pump Head



For more information:

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