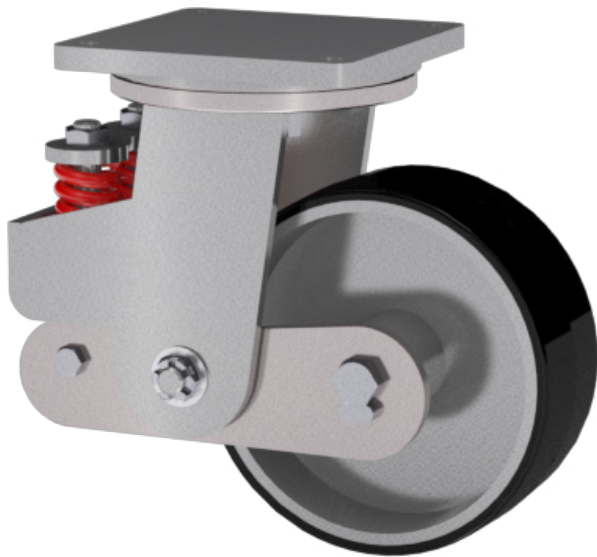


VERTICAL MOUNTED SERIES

3,800 LBS maximum capacity



Item Shown: 94-10401-70-1

FEATURES

Vertical mounted spring (VMS) casters offer the highest flexibility in design. Each caster features springs that are retained on threaded rod ends for pre-load capabilities. Pre-loading the caster causes the caster to stand strong to a predetermined load before any deflection.

The VMS caster can be built with standard components and varying capacities by simply changing out the springs.

OPTIONS

Brakes:

- Poly Lock: P
- Face Contact: F
- Single Side: SS




Swivel Locks:

- Factory Installed: L
- Demountable: DL

Available with dual wheels and pneumatic tires.

APPLICATIONS

VMS casters are ideal for jet engine dollies, aircraft jacks, in-plant trailers, trash gondolas, lift truck stabilizer casters, revolving signs and parade floats.

|  |  |  |
|---|---|---|
| Top Plate Size | Bolt Hole Spacing | Bolt Diameter |
| Std. 34: 4.0 x 4.5 | 2.625 x 3.625 Slotted to 3.0 x 3.0 | 0.375 |
| Std. 54: 4.0 x 5.0 | 2.625 x 3.625 Slotted to 3.0 x 3.0 | 0.375 |
| Std. 64: 4.5 x 6.25 | 2.438 x 4.938 Slotted to 3.375 x 5.25 | 0.5 |
| Std. 74: 5.25 x 7.25 | 3.375 x 5.25 Slotted to 4.125 x 6.125 | 0.5 |
| Std. 84: 6.0 x 7.5 | 4.5 x 6.0 | 0.5 |
| Std. 94: 8.5 x 8.5 | 7.0 x 7.0 | 0.625 |

| WHEEL | | | CAPACITY | | | PART NUMBER | | | | |
|-------|-------|-----------------------|----------------|-------|-------------|-------------------------------|-------------------------------|--------|---------------|-------|
| Dia. | Width | Material | Roller Bearing | OAH | Swivel Lead | Straight Roller | Precision Tapered | Series | Swivel Radius | Wt. |
| 6 | 2.00 | Standard Polyurethane | 500 | 8.50 | 2.30 | 34-06201-60-1 | | 30 | 5.39 | 14.00 |
| 6 | 2.00 | Phenolic Resin | 500 | 8.50 | 2.30 | 34-06201-30-1 | | 30 | 5.39 | 9.50 |
| 6 | 2.00 | Mold On Rubber | 425 | 8.50 | 2.30 | 34-06201-70-1 | | 30 | 5.39 | 9.00 |
| 6 | 2.00 | T/R Polyurethane | 500 | 8.50 | 2.30 | 34-06201-61-1 | | 30 | 5.39 | 14.00 |
| 8 | 2.00 | Standard Polyurethane | 500 | 9.75 | 2.75 | 34-08201-60-1 | | 30 | 6.82 | 16.00 |
| 8 | 2.00 | Phenolic Resin | 500 | 9.75 | 2.75 | 34-08201-30-1 | | 30 | 6.82 | 11.00 |
| 8 | 2.00 | Mold On Rubber | 425 | 9.75 | 2.75 | 34-08201-70-1 | | 30 | 6.82 | 11.00 |
| 8 | 2.00 | T/R Polyurethane | 500 | 9.75 | 2.75 | 34-08201-61-1 | | 30 | 6.82 | 16.00 |
| 6 | 2.00 | Standard Polyurethane | 500 | 8.50 | 1.75 | 54-06201-60-1 | | 50 | 4.85 | 16.00 |
| 6 | 2.00 | Phenolic Resin | 500 | 8.50 | 1.75 | 54-06201-30-1 | | 50 | 4.85 | 12.00 |
| 6 | 2.00 | Mold On Rubber | 425 | 8.50 | 1.75 | 54-06201-70-1 | | 50 | 4.85 | 11.50 |
| 6 | 2.00 | T/R Polyurethane | 500 | 8.50 | 1.75 | 54-06201-61-1 | | 50 | 4.85 | 16.00 |
| 8 | 2.00 | Standard Polyurethane | 500 | 10.50 | 1.75 | 54-08201-60-1 | | 50 | 5.84 | 18.00 |
| 8 | 2.00 | Phenolic Resin | 500 | 10.50 | 1.75 | 54-08201-30-1 | | 50 | 5.84 | 13.00 |
| 8 | 2.00 | Mold On Rubber | 425 | 10.50 | 1.75 | 54-08201-70-1 | | 50 | 5.84 | 13.00 |
| 8 | 2.00 | T/R Polyurethane | 500 | 10.50 | 1.75 | 54-08201-61-1 | | 50 | 5.84 | 18.00 |
| 8 | 2.50 | Standard Polyurethane | 800 | 11.50 | 2.25 | 64-08255-60-1 | | 60 | 6.37 | 23.00 |
| 8 | 2.50 | Phenolic Resin | 800 | 11.50 | 2.25 | 64-08255-30-1 | | 60 | 6.37 | 20.00 |
| 8 | 2.50 | Mold On Rubber | 700 | 11.50 | 2.25 | 64-08255-70-1 | | 60 | 6.37 | 25.00 |
| 8 | 2.50 | T/R Polyurethane | 800 | 11.50 | 2.25 | 64-08255-61-1 | | 60 | 6.37 | 23.00 |
| 10 | 2.50 | Standard Polyurethane | 800 | 13.50 | 2.25 | 64-10255-60-1 | | 60 | 7.36 | 32.00 |
| 10 | 2.50 | Phenolic Resin | 800 | 13.50 | 2.25 | 64-10255-30-1 | | 60 | 7.36 | 22.00 |
| 10 | 2.50 | Mold On Rubber | 700 | 13.50 | 2.25 | 64-10255-70-1 | | 60 | 7.36 | 32.00 |
| 10 | 2.50 | T/R Polyurethane | 800 | 13.50 | 2.25 | 64-10255-61-1 | | 60 | 7.36 | 32.00 |
| 8 | 3.00 | Standard Polyurethane | 1,500 | 11.50 | 3.00 | 74-08301-60-1 | 74-08309-60-1 | 70 | 7.16 | 44.00 |
| 8 | 3.00 | Phenolic Resin | 1,500 | 11.50 | 3.00 | 74-08301-30-1 | 74-08309-30-1 | 70 | 7.16 | 35.00 |
| 8 | 3.00 | Mold On Rubber | 850 | 11.50 | 3.00 | 74-08301-70-1 | 74-08309-70-1 | 70 | 7.16 | 45.00 |
| 8 | 3.00 | H.D. T/R Polyurethane | 1,500 | 11.50 | 3.00 | 74-08301-66-1 | 74-08309-66-1 | 70 | 7.16 | 45.00 |
| 10 | 3.00 | Standard Polyurethane | 1,500 | 13.50 | 3.00 | 74-10301-60-1 | 74-10309-60-1 | 70 | 8.14 | 49.00 |
| 10 | 3.00 | Phenolic Resin | 1,500 | 13.50 | 3.00 | 74-10301-30-1 | 74-10309-30-1 | 70 | 8.14 | 39.00 |
| 10 | 3.00 | Mold On Rubber | 1,000 | 13.50 | 3.00 | 74-10301-70-1 | 74-10309-70-1 | 70 | 8.14 | 49.00 |
| 10 | 3.00 | H.D. T/R Polyurethane | 1,500 | 13.50 | 3.00 | 74-10301-66-1 | 74-10309-66-1 | 70 | 8.14 | 49.00 |
| 12 | 3.00 | Standard Polyurethane | 1,500 | 15.50 | 3.00 | 74-12301-60-1 | 74-12309-60-1 | 70 | 9.12 | 58.00 |
| 12 | 3.00 | Phenolic Resin | 1,500 | 15.50 | 3.00 | 74-12301-30-1 | 74-12309-30-1 | 70 | 9.12 | 43.00 |
| 12 | 3.00 | Mold On Rubber | 1,000 | 15.50 | 3.00 | 74-12301-70-1 | 74-12309-70-1 | 70 | 9.12 | 52.00 |
| 12 | 3.00 | H.D. T/R Polyurethane | 1,500 | 15.50 | 3.00 | 74-12301-66-1 | 74-12309-66-1 | 70 | 9.12 | 62.00 |

VERTICAL MOUNTED SERIES

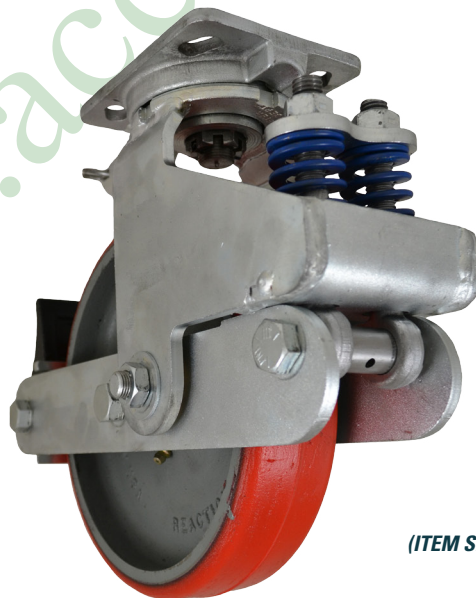
CASTERS



VERTICAL MOUNTED 3,800 LBS

| WHEEL | | | CAPACITY | | | PART NUMBER | | | | |
|-------|-------|----------------------------|----------------|-------|-------------|----------------------|-------------------|--------|---------------|-------|
| Dia. | Width | Material | Roller Bearing | OAH | Swivel Lead | Straight Roller | Precision Tapered | Series | Swivel Radius | Wt. |
| 8 | 3.00 | Standard Polyurethane | 2,500 | 11.50 | 3.00 | <u>84-08301-60-1</u> | 84-08309-60-1 | 80 | 7.16 | 50.00 |
| 8 | 3.00 | Phenolic Resin | 2,500 | 11.50 | 3.00 | <u>84-08301-30-1</u> | 84-08309-30-1 | 80 | 7.16 | 42.00 |
| 8 | 3.00 | Mold On Rubber | 850 | 11.50 | 3.00 | <u>84-08301-70-1</u> | 84-08309-70-1 | 80 | 7.16 | 47.00 |
| 8 | 3.00 | H.D. T/R Polyurethane | 2,500 | 11.50 | 3.00 | 84-08301-66-1 | 84-08309-66-1 | 80 | 7.16 | 55.00 |
| 10 | 3.00 | Standard Polyurethane | 2,500 | 13.50 | 4.00 | 84-10301-60-1 | 84-10309-60-1 | 80 | 9.12 | 59.00 |
| 10 | 3.00 | Phenolic Resin | 2,500 | 13.50 | 4.00 | 84-10301-30-1 | 84-10309-30-1 | 80 | 9.12 | 46.00 |
| 10 | 3.00 | Mold On Rubber | 1,000 | 13.50 | 4.00 | 84-10301-70-1 | 84-10309-70-1 | 80 | 9.12 | 60.00 |
| 12 | 3.00 | Standard Polyurethane | 2,500 | 15.50 | 4.00 | 84-12301-60-1 | 84-12309-60-1 | 80 | 10.11 | 67.00 |
| 12 | 3.00 | Phenolic Resin | 2,500 | 15.50 | 4.00 | 84-12301-30-1 | 84-12309-30-1 | 80 | 10.11 | 56.00 |
| 12 | 3.00 | Mold On Rubber | 1,150 | 15.50 | 4.00 | 84-12301-70-1 | 84-12309-70-1 | 80 | 10.11 | 65.00 |
| 12 | 3.00 | H.D. T/R Polyurethane | 2,500 | 15.50 | 4.00 | 84-12301-66-1 | 84-12309-66-1 | 80 | 10.11 | 70.00 |
| 10 | 4.00 | Standard Polyurethane | 3,800 | 13.50 | 4.00 | 94-10401-60-1 | 94-10409-60-1 | 90 | 9.22 | 70.00 |
| 10 | 4.00 | Mold On Rubber | 1,500 | 13.50 | 4.00 | 94-10401-70-1 | 94-10409-70-1 | 90 | 9.22 | 77.00 |
| 10 | 4.00 | H.D. Standard Polyurethane | 3,800 | 13.50 | 4.00 | 94-10401-65-1 | 94-10409-65-1 | 90 | 9.22 | 79.00 |
| 12 | 4.00 | H.D. Standard Polyurethane | 3,800 | 15.50 | 4.00 | 94-12401-65-1 | 94-12409-65-1 | 90 | 10.20 | 86.00 |
| 12 | 4.00 | Mold On Rubber | 1,600 | 15.50 | 4.00 | 94-12401-70-1 | 94-12409-70-1 | 90 | 10.20 | 86.00 |
| 12 | 4.00 | H.D. T/R Polyurethane | 3,800 | 15.50 | 4.00 | 94-12401-66-1 | 94-12409-66-1 | 90 | 10.20 | 86.00 |

All dimensions are in inches. All weights are in pounds.
Swivel radius for unloaded casters.



(ITEM SHOWN: 54-08201-61-1P)