

## 3S, 3R – SPRING LOADED MEDIUM HEAVY DUTY SERIES

**NEW**



3S



3R

- Die cast springs, total compression at 400LB with a spring travel of 7/8"
- The compression range can be adjusted by changing springs
- 2-9/16" bearing raceway is precisely machined and hardened, 3/8" hardened ball bearings
- Lower raceway thrust bearing is a tapered roller bearing, providing exceptionally smooth and easy swiveling action and counteracts radial thrust
- 3/4" integrally forged kingpin
- Zinc-plated finish
- 1/2" axle

| FASTENING PATTERN |              |                      |                    |
|-------------------|--------------|----------------------|--------------------|
| Plate Code        | Overall Size | Bolt Hole Pattern    | Mounting Bolt Size |
| 17                | 4 X 4-1/2    | 2-5/8 X 3-5/8 TO 3X3 | 3/8                |

| WHEEL DIAMETER, OVERALL HEIGHT AND SWIVEL RADIUS |                |               |
|--|----------------|---------------|
| Wheel Diameter                                   | Overall Height | Swivel Radius |
| 6  | 8-3/4          | 4-1/2         |
| 8  | 10             | 5             |

3S, 3R – Spring Loaded Medium Heavy Duty Series – 500LB

| Wheel Diameter | Thread Width | Wheel Type         | Available Bearing Options | + Color              | Replace + with a desired wheel color. Replace ## with desired wheel bearing. |                               | Load Capacity  |                |     |
|----------------|--------------|--------------------|---------------------------|----------------------|--|-------------------------------|----------------|----------------|-----|
|                |              |                    |                           |                      | 3S Series Swivel Caster Part #   | 3R Series Rigid Caster Part # |                |                |     |
| 5              | 2            | YOKE ONLY          |                           |                      |  | 3SZZ50JZ8317YY                | 3RZZ50JZ8317YY |                |     |
|                |              | NEO-ENERGIZER™     | 04, 09, 60'               |                      |  | 3SEN50JB##17YY                | 3REN50JB##17YY | 550            |     |
|                |              | NOMADIC™           | 04, 09, 48, 60, 57        | B, I                 |  | 3SNM50J+##17YY                | 3RNM50J+##17YY | 500            |     |
|                |              | RUBBER ON NYLON    | 04, 09, 48, 60, 57        |                      |  | 3SNR50JB##17YY                | 3RNR50JB##17YY | 450            |     |
|                |              | RUBBER ON ALUMINUM | 04, 09, 48, 60, 57        |                      |  | 3SRA50JB##17YY                | 3RRA50JB##17YY | 500            |     |
|                |              | MOLD-ON RUBBER     | 04, 09, 60, 48, 57        |                      |  | 3SRS50JB##17YY                | 3RRS50JB##17YY | 400            |     |
|                |              | CUSHENDURE™        |                           |                      |  | 3SGR50JB1917YY                | 3RGR50JB1917YY | 400            |     |
|                |              | THERMO-PRO™        | 04, 09, 60, 48, 63, 57    | A, I, T, X, Y, Z     |  | 3STP50J+##17YY                | 3RTP50J+##17YY | 350            |     |
|                |              | STEROLLIZER™       |                           |                      |  | 3SSL50JCB817YY                | 3RSL50JCB817YY | 450            |     |
|                |              | POLYON MAXROK™     | 04, 09, 48, 60, 57        | G, K                 |  | 3SMU50J+##17YY                | 3RMU50J+##17YY | 700            |     |
|                |              | POLYON AL™         | 04, 09, 48, 60, 57        | N, R                 |  | 3SPA50J+##17YY                | 3RPA50J+##17YY | 700            |     |
|                |              | POLYON - C         | 04, 09, 48, 60, 57, 12    |                      |  | 3SPR50JL##17YY                | 3RPR50JL##17YY | 700            |     |
|                |              | DW-BLACK           |                           |                      |  | 3SDW50JLT317YY                | 3RDW50JLT317YY | 550            |     |
|                |              | DW-RED             |                           |                      |  | 3SDW50JRT317YY                | 3RDW50JRT317YY | 700            |     |
|                |              | DW-BLUE            |                           |                      |  | 3SDW50JBT317YY                | 3RDW50JBT317YY | 700            |     |
|                |              | DW-GRAY            |                           |                      |  | 3SDW50JGT317YY                | 3RDW50JGT317YY | 700            |     |
|                |              |                    |                           | POLY-PRO™            | 04, 09, 48, 60, 63, 57   | B, C, D, K, U, M, W           | 3SPP50J+##17YY | 3RPP50J+##17YY | 600 |
|                |              |                    |                           |                      |  |                               | 3SPP50JP6317YY | 3RPP50JP6317YY | 700 |
|                |              |                    |                           |                      |  |                               | 3SPP50JH6317YY | 3RPP50JH6317YY | 700 |
|                |              |                    |                           | POLYADIC™            | 04, 09, 48, 60, 63, 57   | I, M                          | 3SPM50J+##17YY | 3RPM50J+##17YY | 700 |
|                |              |                    |                           | POLYON™              |  |                               | 3SPU50JV6317YY | 3RPU50JV6317YY | 700 |
|                |              |                    |                           |                      | 04, 09, 60, 48   | G, V                          | 3SPU50J+##17YY | 3RPU50J+##17YY | 700 |
|                |              |                    |                           | ENERGY SAVER POLYON™ | 04, 09, 60, 48   |                               | 3SSW50JU##17YY | 3RSW50JU##17YY | 700 |
|                |              |                    |                           | POLYFLEXON™ CAST     | 04, 09, 60, 48   |                               | 3SRP50JK##17YY | 3RRP50JK##17YY | 700 |
|                |              |                    |                           | POLYFLEXON™          |  | N, O                          | 3SUA50J+6317YY | 3RUA50J+6317YY | 700 |
|                |              |                    |                           | ULTRAFLEX™           |  |                               | 3SUX50J06417YY | 3RUX50J06417YY | 600 |
|                |              |                    |                           | DURALASTOMER™        | 09, 60, 57   |                               | 3SSU50JL##17YY | 3RSU50JL##17YY | 700 |
|                |              |                    |                           | SUPER ELASTOMER      |  |                               | 3SEE50JI6017YY | 3REE50JI6017YY | 700 |
|                |              |                    |                           | ERGOLASTOMER™        | 04, 09, 73, 64, 57   |                               | 3SHU50JI##17YY | 3RHU50JI##17YY | 700 |

\* Springs must be replaced on a regular base depends on application.

\* Spring life is not under warranty.



3S, 3R – Spring Loaded Medium Heavy Duty Series – 500LB

| Wheel Diameter  | Thread Width       | Wheel Type           | Available Bearing Options | + Color        | Replace + with a desired wheel color.<br>Replace # with desired wheel bearing. |                               | Load Capacity  |     |
|-----------------|--------------------|----------------------|---------------------------|----------------|--|-------------------------------|----------------|-----|
|                 |                    |                      |                           |                | 3S Series Swivel Caster Part #   | 3R Series Rigid Caster Part # |                |     |
| 6               | 2                  | YOKE ONLY            |                           |                |  | 3SZZ60JZ8317YY                | 3RZZ60JZ8317YY |     |
|                 |                    | NEO-ENERGIZER™       | 04, 09, 60                |                |  | 3SEEN60JB##17YY               | 3REN60JB##17YY | 600 |
|                 |                    | PNEUMATIC            |                           |                |  | 3SFP60JB6017YY                | 3RFP60JB6017YY | 200 |
|                 |                    | FOAM FILLED          |                           |                |  | 3SFF60JB6017YY                | 3RFF60JB6017YY | 200 |
|                 |                    | EVER-ROLL™           |                           |                | B, I   | 3SER60J+6017YY                | 3RR60J+6017YY  | 200 |
|                 |                    | NOMADIC™             | 04, 09, 48, 60, 57        |                |  | 3SNM60JB##17YY                | 3RNM60JB##17YY | 600 |
|                 |                    | RUBBER ON NYLON      | 04, 09, 48, 60, 57        |                |  | 3SNR60JB##17YY                | 3RNR60JB##17YY | 550 |
|                 |                    | DURA-CUSHION™        | 04, 09, 63                |                | X, Z   | 3SBC60J+##17YY                | 3RBC60J+##17YY | 350 |
|                 |                    | ECO-RUBBER           | 53, P3                    |                |  | 3SSN60JC##17YY                | 3RSN60JC##17YY | 350 |
|                 |                    | RUBBER ON ALUMINUM   | 04, 09, 48, 60, 57        |                |  | 3SRA60JB##17YY                | 3RRA60JB##17YY | 550 |
| 6               | 2                  | LOW PROFILE RUBBER   |                           |                |  | 3SLP60JB0317YY                | 3RLP60JB0317YY | 600 |
|                 |                    | MOLD-ON RUBBER       | 04, 09, 48, 60, 57        |                |  | 3SRS60JB##17YY                | 3RRS60JB##17YY | 550 |
|                 |                    | SUPREME RUBBER       | 63, 73                    |                |  | 3SRH60JS##17YY                | 3RRH60JS##17YY | 700 |
|                 |                    | THERMO-PRO™          | 04, 09, 60, 63, 48, 57    |                | A, I, T, X, Y, Z   | 3STP60J+##17YY                | 3RTP60J+##17YY | 500 |
|                 |                    | POLY MAXROK™         | 04, 09, 60, 48, 57        |                | G, K   | 3SMU60J+##17YY                | 3RMU60J+##17YY | 700 |
|                 |                    | POLYON AL™           | 04, 09, 48, 60, 57        |                | N, R   | 3SPA60J+##17YY                | 3RPA60J+##17YY | 700 |
|                 |                    | POLYON-C             | 04, 09, 48, 60, 57, 12    |                |  | 3SPR60JL##17YY                | 3RPR60JL##17YY | 700 |
|                 |                    | DW-BLACK             |                           |                |  | 3SDW60JLT317YY                | 3RDW60JLT317YY | 700 |
|                 |                    | DW-RED               |                           |                |  | 3SDW60JRT317YY                | 3RDW60JRT317YY | 700 |
|                 |                    | DW-BLUE              |                           |                |  | 3SDW60JBT317YY                | 3RDW60JBT317YY | 700 |
|                 |                    | DW-GRAY              |                           |                |  | 3SDW60JGT317YY                | 3RDW60JGT317YY | 700 |
|                 |                    | POLY-PRO™            | 04, 09, 48, 60, 57        |                | D, I, K, M, W, U   | 3SPP60J+##17YY                | 3RPP60J+##17YY | 700 |
|                 |                    |                      |                           |                |  | 3SPP60JP6317YY                | 3RPP60JP6317YY | 700 |
|                 |                    |                      |                           |                |  | 3SPP60JH6317YY                | 3RPP60JH6317YY | 700 |
|                 |                    | POLYMADIC™           | 04, 09, 48, 60, 63, 57    |                | I, M   | 3SPM60J+##17YY                | 3RPM60J+##17YY | 700 |
|                 |                    | POLYON™              | 04, 09, 60                |                | G, V   | 3SPU60JV6317YY                | 3RPU60JV6317YY | 700 |
|                 |                    |                      |                           |                |  | 3SPU60J+##17YY                | 3RPU60J+##17YY | 700 |
|                 |                    | ENERGY SAVER POLYON™ | 04, 09, 63, 73            |                |  | 3SSW60JU##17YY                | 3RSW60JU##17YY | 700 |
|                 |                    | POLYFLEXON™ CAST     | 04, 09, 60, 48, 57        |                |  | 3SRP60JK##17YY                | 3RRP60JK##17YY | 700 |
|                 |                    | POLYFLEXON™          |                           |                | N, O   | 3SUA60J+6317YY                | 3RUA60J+6317YY | 700 |
| ULTRAFLEX™      |                    |                      |                           | 3SUX60J06417YY | 3RUX60J06417YY   | 700                           |                |     |
| CHAMPION        |                    |                      |                           | 3SCP60JN6317YY | 3RCP60JN6317YY   | 700                           |                |     |
| DURALASTOMER™   | 09, 60, 57         |                      |                           | 3SSU60JL##17YY | 3RSU60JL##17YY   | 700                           |                |     |
| SUPER ELASTOMER |                    |                      |                           | 3SEE60JI6017YY | 3REE60JI6017YY   | 700                           |                |     |
| ERGOLASTOMER™   | 04, 09, 73, 64, 57 |                      |                           | 3SHU60JI##17YY | 3RHU60JI##17YY   | 700                           |                |     |
| 8               | 2                  | YOKE ONLY            |                           |                |  | 3SZZ80JZ8317YY                | 3RZZ80JZ8317YY |     |
|                 |                    | NEO-ENERGIZER™       | 04, 09, 60                |                |  | 3SEEN80JB##17YY               | 3REN80JB##17YY | 600 |
|                 |                    | NOMADIC™             | 04, 09, 48, 60, 57        |                |  | 3SNM80JB##17YY                | 3RNM80JB##17YY | 600 |
|                 |                    | RUBBER ON NYLON      | 04, 09, 48, 60, 57        |                |  | 3SNR80JB##17YY                | 3RNR80JB##17YY | 550 |
|                 |                    | DURA-CUSHION™        | 04, 09, 63                |                | X, Z   | 3SBC80J+##17YY                | 3RBC80J+##17YY | 350 |
|                 |                    | ECO-RUBBER           | 53, P3                    |                |  | 3SSN80JC##17YY                | 3RSN80JC##17YY | 350 |
|                 |                    | RUBBER ON ALUMINUM   | 04, 09, 48, 60, 57        |                |  | 3SRA80JB##17YY                | 3RRA80JB##17YY | 550 |
|                 |                    | LOW PROFILE RUBBER   |                           |                |  | 3SLP80JB0317YY                | 3RLP80JB0317YY | 600 |
|                 |                    | MOLD-ON RUBBER       | 04, 09, 48, 60, 57        |                |  | 3SRS80JB##17YY                | 3RRS80JB##17YY | 550 |
|                 |                    | SUPREME RUBBER       | 63, 73                    |                |  | 3SRH80JS##17YY                | 3RRH80JS##17YY | 700 |
|                 |                    | THERMO-PRO™          | 04, 09, 60, 63, 48, 57    |                | A, I, T, X, Y, Z   | 3STP80J+##17YY                | 3RTP80J+##17YY | 500 |
|                 |                    | POLY MAXROK™         | 04, 09, 60, 48, 57        |                | G, K   | 3SMU80J+##17YY                | 3RMU80J+##17YY | 700 |
|                 |                    | POLYON AL™           | 04, 09, 48, 60, 57        |                | N, R   | 3SPA80J+##17YY                | 3RPA80J+##17YY | 700 |
|                 |                    | POLYON-C             | 04, 09, 48, 60, 57, 12    |                |  | 3SPR80JL##17YY                | 3RPR80JL##17YY | 700 |
|                 |                    | DW-BLACK             |                           |                |  | 3SDW80JLT317YY                | 3RDW80JLT317YY | 700 |
|                 |                    | DW-RED               |                           |                |  | 3SDW80JRT317YY                | 3RDW80JRT317YY | 700 |
|                 |                    | DW-BLUE              |                           |                |  | 3SDW80JBT317YY                | 3RDW80JBT317YY | 700 |
|                 |                    | DW-GRAY              |                           |                |  | 3SDW80JGT317YY                | 3RDW80JGT317YY | 700 |
|                 |                    | POLY-PRO™            | 04, 09, 48, 60, 57        |                | D, I, K, M, W, U   | 3SPP80J+##17YY                | 3RPP80J+##17YY | 700 |
|                 |                    |                      |                           |                |  | 3SPP80JP6317YY                | 3RPP80JP6317YY | 700 |
|                 |                    |                      |                           |                |  | 3SPP80JH6317YY                | 3RPP80JH6317YY | 700 |
|                 |                    | POLYMADIC™           | 04, 09, 48, 60, 63, 57    |                | I, M   | 3SPM80J+##17YY                | 3RPM80J+##17YY | 700 |
|                 |                    | POLYON™              | 04, 09, 60                |                | G, V   | 3SPU80JV6317YY                | 3RPU80JV6317YY | 700 |
|                 |                    |                      |                           |                |  | 3SPU80J+##17YY                | 3RPU80J+##17YY | 700 |
|                 |                    | ENERGY SAVER POLYON™ | 04, 09, 63, 73            |                |  | 3SSW80JU##17YY                | 3RSW80JU##17YY | 700 |
|                 |                    | POLYFLEXON™ CAST     | 04, 09, 60, 48, 57        |                |  | 3SRP80JK##17YY                | 3RRP80JK##17YY | 700 |
|                 |                    | POLYFLEXON™          |                           |                | N, O   | 3SUA80J+6317YY                | 3RUA80J+6317YY | 700 |
|                 |                    | ULTRAFLEX™           |                           |                |  | 3SUX80J06417YY                | 3RUX80J06417YY | 700 |
|                 |                    | CHAMPION             |                           |                |  | 3SCP80JN6317YY                | 3RCP80JN6317YY | 700 |
|                 |                    | DURALASTOMER™        | 09, 60, 57                |                |  | 3SSU80JL##17YY                | 3RSU80JL##17YY | 700 |
| SUPER ELASTOMER |                    |                      |                           | 3SEE80JI8017YY | 3REE80JI8017YY   | 700                           |                |     |
| ERGOLASTOMER™   | 04, 09, 73, 64, 57 |                      |                           | 3SHU80JI##17YY | 3RHU80JI##17YY   | 700                           |                |     |

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\* Spring life is not under warranty..