





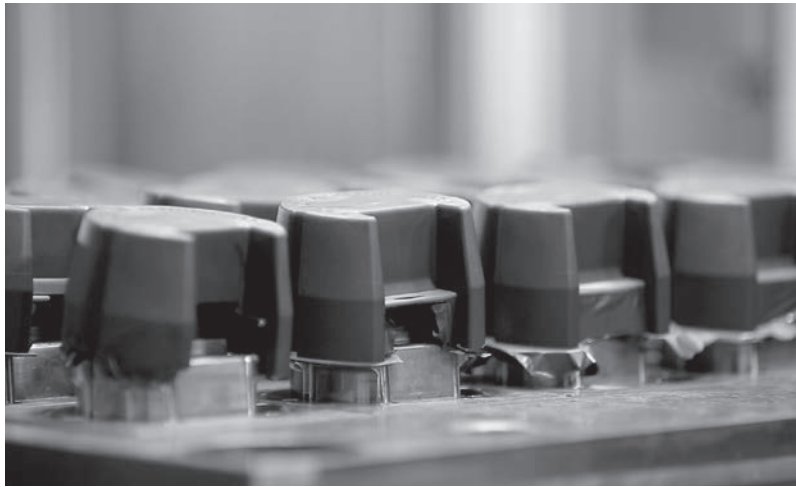
The Pride of Top Quality
FOOT MASTER®

Leveling casters



Guide for selection of wheels : Leveling casters

| Image | Series | Description | Wheel code | Wheel dia mm | Wheel width mm | Axle bore mm | Hub length mm | Load capacity Kg | Bearing type |
|---|--------|--|------------|-----------------|-------------------|-----------------|------------------|---------------------|-----------------|
|  | NYN | – Nylon 66(Shore D70) – No bearing | NYN-42-20 | 42 | 20 | 7 | 22 | 60 | X |
| | | | NYN-50-25 | 50 | 25 | 10 | 27 | 280 | X |
| | | | NYN-63-28 | 63 | 28 | 12 | 34 | 550 | X |
| | | | NYN-72-25 | 72 | 25 | 12 | 28 | 350 | X |
| | | | NYN-75-30 | 75 | 30 | 12 | 35 | 1,000 | X |
|  | NYD | – Nylon 66(Shore D70) – Two ball bearings | NYD-75-55 | 75 | 55 | 12 | 55 | 700 | 6301 ZZ |
|  | MCN | – MC nylon(Shore D80) – No bearing | MCN-40-19 | 40 | 19 | 7 | 21 | 60 | X |
| | | | MCN-49-25 | 49 | 25 | 10 | 27 | 280 | X |
| | | | MCN-62-28 | 62 | 28 | 12 | 33 | 550 | X |
| | | | MCN-74-30 | 74 | 30 | 12 | 34 | 1,000 | X |
| | | | MCN-90-55 | 90 | 55 | 18 | 56 | 1,500 | X |
|  | HUP | – Cast polyurethane (Shore D70) – Aluminum core – Plain bearing | HUP-50-25 | 50 | 25 | 10 | 27 | 280 | Plain |
| | | | HUP-63-28 | 63 | 28 | 12 | 34 | 550 | Plain |
| | | | HUP-75-30 | 75 | 30 | 12 | 35 | 800 | Plain |



Leveling casters

GD Leveling casters

Smart Solution for both easy movement & leveling set

FOOT MASTER® leveling casters lead the global market with a global standard technology.



Moving a piece of equipment into a desired location, applying a wheel braking mechanism, and setting the unit into the exact position is easier said than done in many caster applications; FOOT MASTER® leveling casters offer a smart solution. Once positioned in the exact spot of operation, the anti-vibration pad is lowered, and the caster wheel is lifted off the ground, making the equipment completely stationary.

Major features

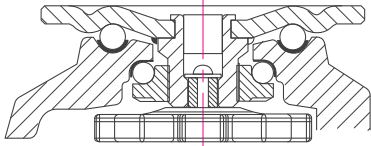
New concept of functional product combining a caster with a leveling ability: As a 2 in 1 system, it removes unnecessary work and improves work efficiency of workers.



FOOT MASTER®

Leveling casters GD series

kg 60~1,500kg **RoHS** **TEMP** -10~90°C



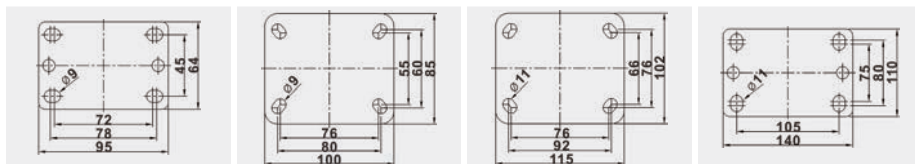
Brackets: Pressed steel plate(150 series: forged steel), double ball bearing with hardened bearing seats in the swivel head, ivory-colored aluminum frame, height adjustment with integrated orange handle or spanner(120/150 series: only available for spanner), anti-vibration NBR pad(120/150 series: AL)

Surface Treatment: Powder coating, zinc plated

* Recommended Load = Load Cap. × 2

| Swivel | Wheel type | mm | mm | Kg | mm | mm | mm | mm | mm |
|----------|------------|----|----|-------|--------|----|---------|-------|----------|
| GD-40-F | NYN | 42 | 20 | 60 | 71+10 | 30 | 55x55 | 42x42 | 6,5 |
| GD-60-F | | 50 | 25 | 280 | 82+10 | 36 | 73x73 | 58x58 | 7 or 8,5 |
| GD-80-F | | 63 | 28 | 550 | 103+15 | 46 | 90x90 | 70x70 | 9 |
| GD-100-F | | 75 | 30 | 800 | 120+12 | 53 | 95x95 | 70x70 | 11 |
| GD-120-F | | 75 | 30 | 1,000 | 120+12 | 53 | 95x95 | 70x70 | 11 |
| GD-40-F | MCN | 40 | 19 | 60 | 71+10 | 30 | 55x55 | 42x42 | 6,5 |
| GD-60-F | | 49 | 25 | 280 | 82+10 | 36 | 73x73 | 58x58 | 7 or 8,5 |
| GD-80-F | | 62 | 28 | 550 | 103+15 | 46 | 90x90 | 70x70 | 9 |
| GD-100-F | | 74 | 30 | 800 | 120+12 | 53 | 95x95 | 70x70 | 11 |
| GD-120-F | | 74 | 30 | 1,000 | 120+12 | 53 | 95x95 | 70x70 | 11 |
| GD-150-F | | 90 | 55 | 1,500 | 132+15 | 69 | 100x100 | 70x70 | 13 |
| GD-60-F | HUP | 50 | 25 | 280 | 82+10 | 36 | 73x73 | 58x58 | 7 or 8,5 |
| GD-80-F | | 63 | 28 | 550 | 103+15 | 46 | 90x90 | 70x70 | 9 |
| GD-100-F | | 75 | 30 | 800 | 120+12 | 53 | 95x95 | 70x70 | 11 |

Options



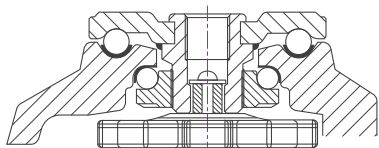
| | | | | |
|---------------|------|------|---------|---------|
| Code Suffix | -PUS | -PEU | -PUS | -PEU |
| Available for | 60 | 60 | 100/120 | 100/120 |

| | | | | | | |
|---------------|--------------|---------------|--------------|-------------|-----------------|----------|
| | | | | | | |
| Code Suffix | NYN | MCN | HUP | -FBL | -CEN | -CUR |
| Description | Nylon66(D70) | MC nylon(D80) | Cast PU(D70) | Black frame | Anti-static pad | PU pad |
| Available for | 40 ~ 120 | 40 ~ 150 | 60 ~ 100 | 40 ~ 150 | 40 ~ 100 | 40 ~ 100 |

FOOT MASTER®

Leveling casters GD series








 60~1,000kg  RoHS  -10~90°C









Brackets: Pressed steel plate(100/120 series: forged steel), double ball bearing with hardened bearing seats in the swivel head, ivory-colored aluminum frame, height adjustment with integrated orange handle or spanner(120 series: only available for spanner), anti-vibration NBR pad (120 series: AL)

Surface Treatment: Powder coating, zinc plated

* Recommended Load = Load Cap. × 2

| Swivel | Wheel type |  mm |  mm |  Kg |  mm |  mm |  mm |  mm |
|----------|------------|--|--|--|--|--|--|--|
| GD-40-S | NYN | 42 | 20 | 60 | 71+10 | 30 | M8x1,25P | 10 |
| GD-60-S | | 50 | 25 | 280 | 82+10 | 36 | M12x1,75P M16x2,0P 1/2"-13UNC | 18 |
| GD-80-S | | 63 | 28 | 550 | 103+15 | 46 | M12x1,75P 1/2"-13UNC | 16 |
| GD-100-S | | 75 | 30 | 800 | 120+12 | 53 | M16x2,0P | 24 |
| GD-120-S | | 75 | 30 | 1,000 | 120+12 | 53 | | |
| GD-40-S | MCN | 40 | 19 | 60 | 71+10 | 30 | M8x1,25P | 10 |
| GD-60-S | | 49 | 25 | 280 | 82+10 | 36 | M12x1,75P M16x2,0P 1/2"-13UNC | 18 |
| GD-80-S | | 62 | 28 | 550 | 103+15 | 46 | M12x1,75P 1/2"-13UNC | 16 |
| GD-100-S | | 74 | 30 | 800 | 120+12 | 53 | M16x2,0P | 24 |
| GD-120-S | | 74 | 30 | 1,000 | 120+12 | 53 | | |
| GD-60-S | HUP | 50 | 25 | 280 | 82+10 | 36 | M12x1,75P M16x2,0P 1/2"-13UNC | 18 |
| GD-80-S | | 63 | 28 | 550 | 103+15 | 46 | M12x1,75P 1/2"-13UNC | 16 |
| GD-100-S | | 75 | 30 | 800 | 120+12 | 53 | M16x2,0P | 24 |

Options

| |  |  |  |  |  |  |
|---------------|---|---|---|--|---|---|
| Code Suffix | NYN | MCN | HUP | -FBL | -CEN | -CUR |
| Description | Nylon66(D70) | MC nylon(D80) | Cast PU(D70) | Black frame | Anti-static pad | PU pad |
| Available for | 40 ~ 120 | 40 ~ 120 | 60 ~ 100 | 40 ~ 120 | 40 ~ 100 | 40 ~ 100 |

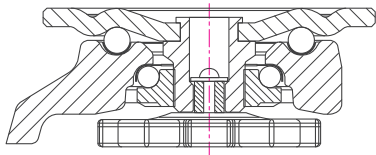
FOOT MASTER®

Leveling casters

GDN series



kg 50~1,500kg **RoHS** **TEMP** -10~90°C



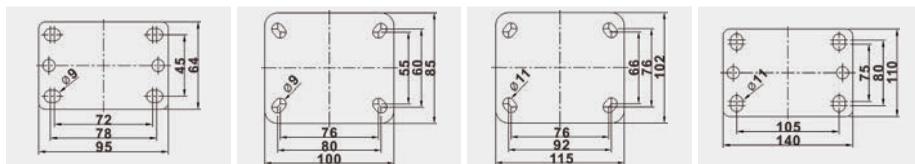
Brackets: Pressed steel plate(150 series: forged steel), double ball bearing with hardened bearing seats in the swivel head, ivory-colored aluminum frame, height adjustment with integrated orange handle or spanner(120/150 series: only available for spanner), anti-vibration NBR pad(120/150 series: AL)

Surface Treatment: Powder coating, zinc plated

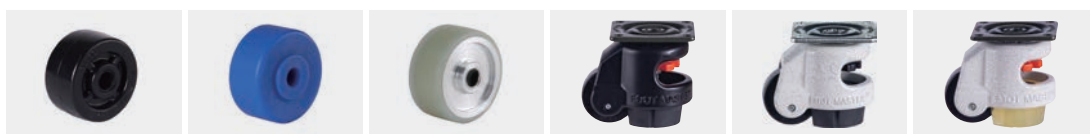
* Recommended Load = Load Cap. × 2

| Swivel | Wheel type | mm | mm | Kg | mm | mm | mm | mm | mm |
|-----------|------------|----|----|-------|--------|----|---------|-------|----------|
| GDN-40-F | NYN | 42 | 20 | 50 | 71+10 | 30 | 55x55 | 42x42 | 6,5 |
| GDN-60-F | | 50 | 25 | 250 | 82+10 | 38 | 73x73 | 58x58 | 7 or 8,5 |
| GDN-80-F | | 63 | 28 | 500 | 103+15 | 46 | 90x90 | 70x70 | 9 |
| GDN-100-F | | 75 | 30 | 750 | 120+12 | 53 | 95x95 | 70x70 | 11 |
| GD-120-F | | 75 | 30 | 1,000 | 120+12 | 53 | 95x95 | 70x70 | 11 |
| GDN-40-F | MCN | 40 | 19 | 50 | 71+10 | 30 | 55x55 | 42x42 | 6,5 |
| GDN-60-F | | 49 | 25 | 250 | 82+10 | 38 | 73x73 | 58x58 | 7 or 8,5 |
| GDN-80-F | | 62 | 28 | 500 | 103+15 | 46 | 90x90 | 70x70 | 9 |
| GDN-100-F | | 74 | 30 | 750 | 120+12 | 53 | 95x95 | 70x70 | 11 |
| GD-120-F | | 74 | 30 | 1,000 | 120+12 | 53 | 95x95 | 70x70 | 11 |
| GD-150-F | | 90 | 55 | 1,500 | 132+15 | 69 | 100x100 | 70x70 | 13 |
| GDN-60-F | HUP | 50 | 25 | 250 | 82+10 | 38 | 73x73 | 58x58 | 7 or 8,5 |
| GDN-80-F | | 63 | 28 | 500 | 103+15 | 46 | 90x90 | 70x70 | 9 |
| GDN-100-F | | 75 | 30 | 750 | 120+12 | 53 | 95x95 | 70x70 | 11 |

Options



| | | | | |
|---------------|------|------|---------|---------|
| Code Suffix | -PUS | -PEU | -PUS | -PEU |
| Available for | 60 | 60 | 100/120 | 100/120 |

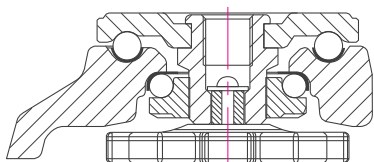


| | | | | | | |
|---------------|--------------|---------------|--------------|-------------|-----------------|----------|
| Code Suffix | NYN | MCN | HUP | -FBL | -CEN | -CUR |
| Description | Nylon66(D70) | MC nylon(D80) | Cast PU(D70) | Black frame | Anti-static pad | PU pad |
| Available for | 40 ~ 120 | 40 ~ 150 | 60 ~ 100 | 40 ~ 150 | 40 ~ 100 | 40 ~ 100 |

FOOT MASTER®

Leveling casters GDN series








 50~1,000kg  RoHS  -10~90°C









Brackets: Pressed steel plate(100/120 series: forged steel), double ball bearing with hardened bearing seats in the swivel head, ivory-colored aluminum frame, height adjustment with integrated orange handle or spanner(120 series: only available for spanner), anti-vibration NBR pad(120 series: AL)

Surface Treatment: Powder coating, zinc plated

* Recommended Load = Load Cap. × 2

| Swivel | Wheel type |  mm |  mm |  Kg |  mm |  mm |  mm |  mm |
|-----------|------------|--|--|--|--|--|--|--|
| GDN-40-S | NYN | 42 | 20 | 50 | 71+10 | 30 | M8x1.25P | 10 |
| GDN-60-S | | 50 | 25 | 250 | 82+10 | 38 | M12x1.75P M16x2.0P 1/2"-13UNC | 18 |
| GDN-80-S | | 63 | 28 | 500 | 103+15 | 46 | M12x1.75P 1/2"-13UNC | 16 |
| GDN-100-S | | 75 | 30 | 750 | 120+12 | 53 | M16x2.0P | 24 |
| GD-120-S | | 75 | 30 | 1,000 | 120+12 | 53 | | |
| GDN-40-S | MCN | 40 | 19 | 50 | 71+10 | 30 | M8x1.25P | 10 |
| GDN-60-S | | 49 | 25 | 250 | 82+10 | 38 | M12x1.75P M16x2.0P 1/2"-13UNC | 18 |
| GDN-80-S | | 62 | 28 | 500 | 103+15 | 46 | M12x1.75P 1/2"-13UNC | 16 |
| GDN-100-S | | 74 | 30 | 750 | 120+12 | 53 | M16x2.0P | 24 |
| GD-120-S | | 74 | 30 | 1,000 | 120+12 | 53 | | |
| GDN-60-S | HUP | 50 | 25 | 250 | 82+10 | 38 | M12x1.75P M16x2.0P 1/2"-13UNC | 18 |
| GDN-80-S | | 63 | 28 | 500 | 103+15 | 46 | M12x1.75P 1/2"-13UNC | 16 |
| GDN-100-S | | 75 | 30 | 750 | 120+12 | 53 | M16x2.0P | 24 |

Options

| |  |  |  |  |  |  |
|---------------|---|---|---|--|---|---|
| Code Suffix | NYN | MCN | HUP | -FBL | -CEN | -CUR |
| Description | Nylon66(D70) | MC nylon(D80) | Cast PU(D70) | Black frame | Anti-static pad | PU pad |
| Available for | 40 ~ 120 | 40 ~ 120 | 60 ~ 100 | 40 ~ 120 | 40 ~ 100 | 40 ~ 100 |

FOOT MASTER®

Leveling casters

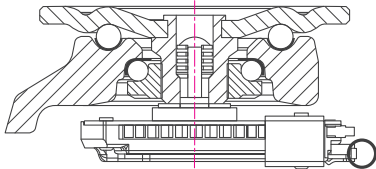
GDR series



250~500kg



-10~90°C



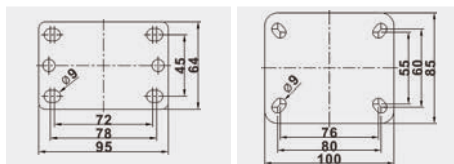
Brackets: Pressed steel plate, double ball bearing with hardened bearing seats in the swivel head, ivory-colored aluminum frame, height adjustment with integrated ratchet handle, anti-vibration NBR pad

Surface Treatment: Powder coating, zinc plated

* Recommended Load = Load Cap. × 2

| Swivel | Wheel type | mm | mm | Kg | mm | mm | mm | mm | mm |
|----------|------------|----|----|-----|--------|----|-------|-------|----------|
| GDR-60-F | NYN | 50 | 25 | 250 | 82+10 | 38 | 73x73 | 58x58 | 7 or 8,5 |
| GDR-80-F | | 63 | 28 | 500 | 103+15 | 46 | 90x90 | 70x70 | 9 |
| GDR-60-F | MCN | 49 | 25 | 250 | 82+10 | 38 | 73x73 | 58x58 | 7 or 8,5 |
| GDR-80-F | | 62 | 28 | 500 | 103+15 | 46 | 90x90 | 70x70 | 9 |
| GDR-60-F | HUP | 50 | 25 | 250 | 82+10 | 38 | 73x73 | 58x58 | 7 or 8,5 |
| GDR-80-F | | 63 | 28 | 500 | 103+15 | 46 | 90x90 | 70x70 | 9 |

Options



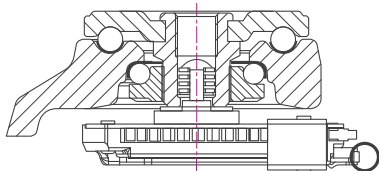
| | | |
|---------------|------|------|
| Code Suffix | -PUS | -PEU |
| Available for | 60 | 60 |

| | | | | | | |
|---------------|--------------|---------------|--------------|-------------|-----------------|---------|
| | | | | | | |
| Code Suffix | NYN | MCN | HUP | -FBL | -CEN | -CUR |
| Description | Nylon66(D70) | MC nylon(D80) | Cast PU(D70) | Black frame | Anti-static pad | PU pad |
| Available for | 60 ~ 80 | 60 ~ 80 | 60 ~ 80 | 60 ~ 80 | 60 ~ 80 | 60 ~ 80 |

FOOT MASTER®

Leveling casters GDR series

 250~500kg  RoHS  -10~90°C



Brackets: Pressed steel plate, double ball bearing with hardened bearing seats in the swivel head, ivory-colored aluminum frame, height adjustment with integrated ratchet handle, anti-vibration NBR pad
Surface Treatment: Powder coating, zinc plated

* Recommended Load = Load Cap. × 2

| Swivel | Wheel type |  mm |  mm |  Kg |  mm |  mm |  mm |  mm |
|----------|------------|--|--|--|--|--|--|--|
| GDR-60-S | NYN | 50 | 25 | 250 | 82+10 | 38 | M12x1.75P M16x2.0P 1/2"-13UNC | 18 |
| GDR-80-S | | 63 | 28 | 500 | 103+15 | 46 | M12x1.75P 1/2"-13UNC | 16 |
| GDR-60-S | MCN | 49 | 25 | 250 | 82+10 | 38 | M12x1.75P M16x2.0P 1/2"-13UNC | 18 |
| GDR-80-S | | 62 | 28 | 500 | 103+15 | 46 | M12x1.75P 1/2"-13UNC | 16 |
| GDR-60-S | HUP | 50 | 25 | 250 | 82+10 | 38 | M12x1.75P M16x2.0P 1/2"-13UNC | 18 |
| GDR-80-S | | 63 | 28 | 500 | 103+15 | 46 | M12x1.75P 1/2"-13UNC | 16 |

Options

| |  |  |  |  |  |  |
|---------------|---|---|---|--|---|---|
| Code Suffix | NYN | MCN | HUP | -FBL | -CEN | -CUR |
| Description | Nylon66(D70) | MC nylon(D80) | Cast PU(D70) | Black frame | Anti-static pad | PU pad |
| Available for | 60 ~ 80 | 60 ~ 80 | 60 ~ 80 | 60 ~ 80 | 60 ~ 80 | 60 ~ 80 |

Leveling casters

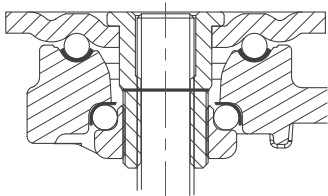
GDL/GDLD series



150~700kg



-10~90°C



Brackets: Pressed steel plate, double ball bearing with hardened bearing seats in the swivel head, ivory-colored aluminum frame, height adjustment with spanner, wheel brake system of on and off side pin, bolted wheel axle structure

Surface Treatment: Powder coating, zinc plated

* Recommended Load = Load Cap. × 3

| Swivel | Swivel with brake | Wheel type | mm | mm | Kg | mm | mm | mm | mm | mm |
|-----------------|-------------------|------------|----|------|-----|--------|----|-------|-------|-----|
| GDL-50-ASF-NYN | - | NYN | 50 | 25 | 150 | 73+10 | 45 | 73x73 | 58x58 | 7 |
| GDL-65-ASF-NYN | - | | 63 | 28 | 500 | 98+18 | 56 | 90x90 | 70x70 | 9.5 |
| GDLD-75-ASF-NYN | - | | 72 | 25x2 | 700 | 108+20 | 64 | 90x90 | 70x70 | 9.5 |
| GDL-75-ASF-NYD | GDL-75-BSF-NYD | NYD | 75 | 55 | 700 | 110+18 | 64 | 90x90 | 70x70 | 9.5 |
| GDL-50-ASF-MCN | - | MCN | 49 | 25 | 150 | 73+10 | 45 | 73x73 | 58x58 | 7 |
| GDL-65-ASF-MCN | - | | 63 | 28 | 500 | 98+18 | 56 | 90x90 | 70x70 | 9.5 |
| GDL-50-ASF-HUP | - | HUP | 49 | 25 | 150 | 73+10 | 45 | 73x73 | 58x58 | 7 |
| GDL-65-ASF-HUP | - | | 63 | 28 | 500 | 98+18 | 56 | 90x90 | 70x70 | 9.5 |

Options

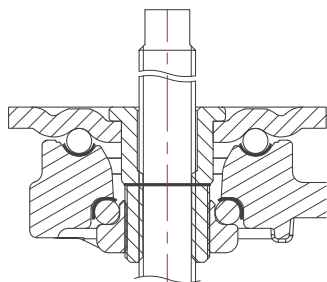
| Code Suffix | NYN | NYD | MCN | HUP | | |
|---------------|--------------|--------------|---------------|--------------|--|--|
| Description | Nylon66(D70) | Nylon66(D70) | MC nylon(D80) | Cast PU(D70) | | |
| Available for | 50 ~ 75 | 75 | 50 ~ 65 | 50 ~ 65 | | |

FOOT MASTER®

Leveling casters

GDH/GDHD series











 150~700kg  RoHS  -10~90°C



Brackets: Pressed steel plate, double ball bearing with hardened bearing seats in the swivel head, ivory-colored aluminum frame, height adjustment with spanner, wheel brake system of on and off side pin, bolted wheel axle structure

Surface Treatment: Powder coating, zinc plated

* Recommended Load = Load Cap. × 3

| Swivel | Swivel with brake | Wheel type |  mm |  mm |  Kg |  mm |  mm |  mm |  mm |  mm |  mm |  mm |
|-----------------|-------------------|------------|---|---|---|---|---|---|---|---|---|---|
| GDH-50-ASF-NYN | - | NYN | 50 | 25 | 150 | 73+35 | 45 | 73x73 | 58x58 | 7 | M10x56L | 7 |
| GDH-65-ASF-NYN | - | | 63 | 28 | 500 | 98+48 | 56 | 90x90 | 70x70 | 9.5 | M16x60L | 11 |
| GDHD-75-ASF-NYN | - | | 72 | 25x2 | 700 | 108+37 | 64 | 90x90 | 70x70 | 9.5 | M16x60L | 11 |
| GDH-75-ASF-NYD | GDH-75-BSF-NYD | NYD | 75 | 55 | 700 | 110+35 | 64 | 90x90 | 70x70 | 9.5 | M16x60L | 11 |
| GDH-50-ASF-MCN | - | MCN | 49 | 25 | 150 | 73+35 | 45 | 73x73 | 58x58 | 7 | M10x56L | 7 |
| GDH-65-ASF-MCN | - | | 63 | 28 | 500 | 98+48 | 56 | 90x90 | 70x70 | 9.5 | M16x60L | 11 |
| GDH-50-ASF-HUP | - | HUP | 49 | 25 | 150 | 73+35 | 45 | 73x73 | 58x58 | 7 | M10x56L | 7 |
| GDH-65-ASF-HUP | - | | 63 | 28 | 500 | 98+48 | 56 | 90x90 | 70x70 | 9.5 | M16x60L | 11 |

Options

| |  |  |  |  | | |
|---------------|---|---|---|--|--|--|
| Code Suffix | NYN | NYD | MCN | HUP | | |
| Description | Nylon66(D70) | Nylon66(D70) | MC nylon(D80) | Cast PU(D70) | | |
| Available for | 50 ~ 75 | 75 | 50 ~ 65 | 50 ~ 65 | | |