

## Console-mounted winch model LB

Capacity 150 - 1200 kg

Originally developed as offroad winch the console-mounted winch model LB is used today for a variety of lifting and pulling applications.

### Features

- Light weight robust stamped steel housing.
- Spur gear drive for optimal efficiency and comfortable handling.
- Automatic load pressure brake for safe holding of the load in any position. An unintentional brake release is prevented.
- All parts are zinc-plated for increased corrosion protection, drum with additional special coating.
- Easy and quick mounting to consoles, even under lifting conditions.

### Options

- Stainless steel version (mat. 1.4301) for increased corrosion protection.
- Free wheeling device for a quick manual unrolling of the unloaded rope.
- Variable crank with adjustable crank handle.
- Foldable crank with tiltable handle for use in confined spaces.



Model LB,  
zinc-plated version  
Capacity 1200 kg

Model LB,  
zinc-plated version  
Capacity 350 kg



Model LB-VA,  
stainless steel version  
Capacity 900 kg



Option: Foldable crank  
with tiltable handle for use in  
confined spaces.



Option: Variable crank  
with adjustable crank handle.

## Technical data model LB

| Model          | Art.-No.<br>Zinc-plated<br>version | Art.-No.<br>Free<br>wheeling<br>device | Art.-No.<br>Stainless<br>steel<br>version | Capacity<br>1 <sup>st</sup> layer<br>kg | Capacity<br>top layer<br>kg | Rope<br>diameter<br>mm | Useable<br>rope length<br>1 <sup>st</sup> layer<br>m | Useable<br>rope length<br>max.<br>m | Lift per<br>crank<br>rotation<br>mm | Required<br>crank effort<br>daN | Weight<br>without<br>rope<br>kg |
|----------------|------------------------------------|----------------------------------------|-------------------------------------------|-----------------------------------------|-----------------------------|------------------------|------------------------------------------------------|-------------------------------------|-------------------------------------|---------------------------------|---------------------------------|
| LB 150 VZ      | 030239016                          | –                                      | –                                         | 150                                     | 75                          | 4*                     | 0.8                                                  | 11                                  | 125                                 | 17                              | 4.2                             |
| LB 350 VZ      | 030239015                          | –                                      | –                                         | 350                                     | 170                         | 4*                     | 1.8                                                  | 20                                  | 125                                 | 25                              | 4.8                             |
| LB 650 VZ      | 040239004                          | –                                      | –                                         | 650                                     | 290                         | 6*                     | 1                                                    | 20                                  | 55                                  | 22                              | 7.3                             |
| LB 900 VZ/ARA  | 040239006                          | 040239007                              | –                                         | 900                                     | 400                         | 7*                     | 0.8                                                  | 14                                  | 58                                  | 24                              | 10                              |
| LB 1200 VZ/ARA | 040239008                          | 040239009                              | –                                         | 1200                                    | 430                         | 7**                    | 1                                                    | 26                                  | 45                                  | 24                              | 12.1                            |
| LB 250 VA      | –                                  | –                                      | 030239017                                 | 250                                     | 125                         | 4*                     | 1.8                                                  | 19.5                                | 125                                 | 20                              | 4.8                             |
| LB 650 VA      | –                                  | –                                      | 040239012                                 | 650                                     | 290                         | 6*                     | 1                                                    | 20                                  | 55                                  | 22                              | 7.6                             |
| LB 900 VA      | –                                  | –                                      | 030239013                                 | 900                                     | 320                         | 7*                     | 1                                                    | 26                                  | 45                                  | 24                              | 12.1                            |

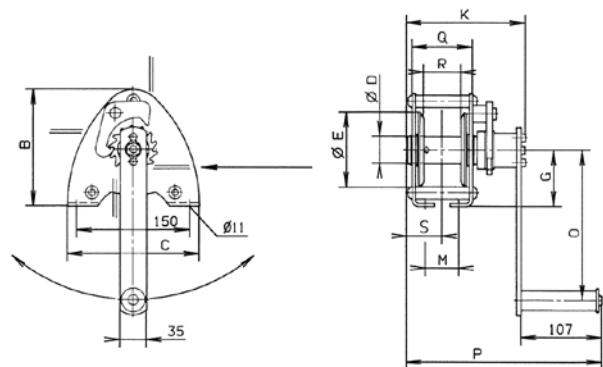
\*recommended rope: DIN 3060 FE-znk 1770 sZ-spa

\*\*recommended rope: DIN 3069 SE-znk 2160 sZ-spa

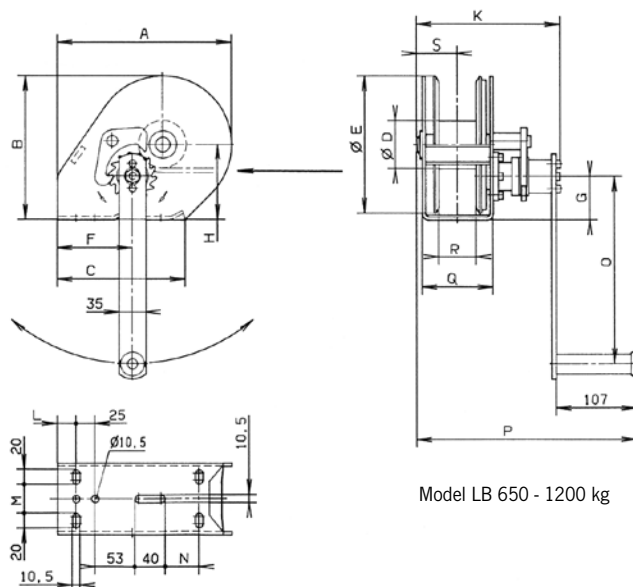
## Dimensions model LB

| Model                            | LB 150 VZ | LB 350 VZ | LB 650 VZ | LB 900 VZ<br>LB 900 ARA | LB 1200 VZ<br>LB 1200 ARA | LB 250 VA | LB 650 VA | LB 900 VA |
|----------------------------------|-----------|-----------|-----------|-------------------------|---------------------------|-----------|-----------|-----------|
| Art.-No. Zinc-plated version     | 030239016 | 030239015 | 040239004 | 040239006               | 040239008                 | –         | –         | –         |
| Art.-No. Free wheeling device    | –         | –         | –         | 040239007               | 040239009                 | –         | –         | –         |
| Art.-No. Stainless steel version | –         | –         | –         | –                       | –                         | 030239017 | 040239012 | 030239013 |
| A, mm                            | –         | –         | 232       | 232                     | 273                       | –         | 232       | 273       |
| B, mm                            | 155       | 155       | 192       | 192                     | 266                       | 155       | 192       | 266       |
| C, mm                            | 175       | 175       | 210       | 210                     | 240                       | 175       | 210       | 240       |
| Ø D, mm                          | 36        | 36        | 63.5      | 63.5                    | 63.5                      | 36        | 63.5      | 63.5      |
| Ø E, mm                          | 100       | 100       | 183       | 183                     | 255                       | 100       | 183       | 255       |
| F, mm                            | –         | –         | 100       | 100                     | 78                        | –         | 100       | 78        |
| G, mm                            | 75        | 75        | 58        | 58                      | 75                        | 75        | 58        | 75        |
| H, mm                            | –         | –         | 100       | 100                     | 138                       | –         | 100       | 138       |
| K, mm                            | 159       | 189       | 192       | 192/226*                | 192/226*                  | 191.5     | 190       | 190       |
| L, mm                            | –         | –         | 25        | 25                      | 35                        | –         | 25        | 35        |
| M, mm                            | 45        | 75        | 38        | 38                      | 30                        | 75        | 38        | 30        |
| N, mm                            | –         | –         | –         | –                       | 53                        | –         | –         | 53        |
| O, mm                            | 200       | 320       | 250       | 320                     | 320                       | 320       | 250       | 250       |
| P, mm                            | 260       | 290       | 293       | 293/303*                | 293/303*                  | 292.5     | 291       | 291       |
| Q, mm                            | 81        | 111       | 95        | 95                      | 95                        | 111       | 95        | 95        |
| R, mm                            | 50        | 80        | 50        | 50                      | 50                        | 80        | 50        | 50        |
| S, mm                            | 48        | 63        | 55        | 55                      | 55                        | 65.5      | 55        | 55        |

\*Free wheeling device



Model LB 150 - 350 kg



Model LB 650 - 1200 kg



## Wall-mounted winch model SW-W

### Capacity 80 - 750 kg

Wall-mounted rope winches of the SW-W model range are intended for fixed stationary mounting inside a building. The steel wire rope is guided to the required suspension point of the load by means of deflection sheaves.

### Features

- Robust aluminium housing for models SW-W 80 and SW-W 125, proven steel plate design for models SW-W 300 - 750.
- Spur gear drive for optimal efficiency and comfortable handling. Direct drive for loads up to 125 kg.
- The low-noise safety spring brake safely holds the load in every position.
- Removable hand crank for models SW-W 80 and SW-W 125, foldable crank for models SW-W 300 - 750.
- Easy and quick mounting onto walls.

## Technical data model SW-W

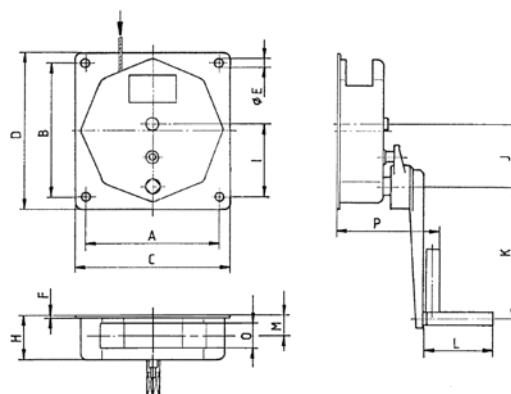
| Model    | Art.-No.  | Capacity 1 <sup>st</sup> layer<br>kg | Capacity top layer<br>kg | Drum diameter<br>mm | Rope diameter<br>mm | Useable rope length 1 <sup>st</sup> layer<br>m | Useable rope length top layer<br>m | Lift per crank rotation<br>mm | Required crank effort<br>daN | Weight without rope<br>kg |
|----------|-----------|--------------------------------------|--------------------------|---------------------|---------------------|------------------------------------------------|------------------------------------|-------------------------------|------------------------------|---------------------------|
| SW-W 80  | 040271017 | 80                                   | 45                       | 51                  | 3*                  | 2.4                                            | 30                                 | 170                           | 12                           | 3                         |
| SW-W 125 | 040271008 | 125                                  | 65                       | 40                  | 4*                  | 2                                              | 12                                 | 138                           | 13                           | 3                         |
| SW-W 300 | 030271001 | 300                                  | 220                      | 108                 | 5**                 | 2.1                                            | 15                                 | 68                            | 15                           | 10                        |
| SW-W 500 | 030271136 | 500                                  | 350                      | 108                 | 6**                 | 2.4                                            | 15                                 | 35                            | 13                           | 11                        |
| SW-W 750 | 030271019 | 750                                  | 550                      | 108                 | 7**                 | 2                                              | 10                                 | 35                            | 20                           | 11                        |

\*recommended rope: DIN 3055 FE-znk 1770 sZ-spa

\*\*recommended rope: DIN 3060 FE-znk 1770 sZ-spa

## Dimensions model SW-W

| Model    | SW-W 80   | SW-W 125  | SW-W 300  | SW-W 500  | SW-W 750  |
|----------|-----------|-----------|-----------|-----------|-----------|
| Art.-No. | 040271017 | 040271008 | 030271001 | 030271136 | 030271019 |
| A, mm    | 110       | 110       | 250       | 250       | 250       |
| B, mm    | 110       | 110       | 250       | 250       | 250       |
| C, mm    | 130       | 130       | 290       | 290       | 290       |
| D, mm    | 130       | 130       | 290       | 290       | 290       |
| Ø E, mm  | 9         | 9         | 14.5      | 14.5      | 14.5      |
| F, mm    | 15        | 15        | 2         | 2         | 2         |
| H, mm    | 121       | 121       | 85        | 85        | 85        |
| I, mm    | 55        | 55        | 138       | 138       | 138       |
| J, mm    | -         | -         | 117       | 117       | 117       |
| K, mm    | 250       | 250       | 250       | 250       | 250       |
| L, mm    | 130       | 130       | 130       | 130       | 130       |
| M, mm    | 68        | 68        | 39        | 39        | 39        |
| O, mm    | 60        | 60        | 50        | 50        | 50        |
| P, mm    | 275       | 275       | 192       | 192       | 192       |



## Wall-mounted winch model SW-W ALPHA

Capacity 300 - 1000 kg

A versatile wall-mounted winch for an easy lifting of loads.

### Features

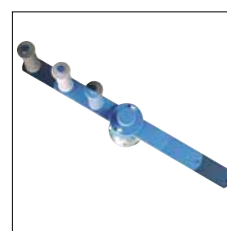
- Light weight robust stamped steel housing and compact design.
- Spur gear drive for optimal efficiency and comfortable handling.
- Rope lead-offs to all directions.
- All parts are zinc-plated for increased corrosion protection, drum with additional special coating.
- Integrated crank with load pressure brake for safe holding of the load.
- Easy and quick mounting onto walls.

### Options

- Foldable crank with tiltable handle for use in confined spaces.
- Variable crank with adjustable crank handle.



Option: Foldable crank  
with tiltable handle for use in  
confined spaces.



Option: Variable crank  
with adjustable crank handle.

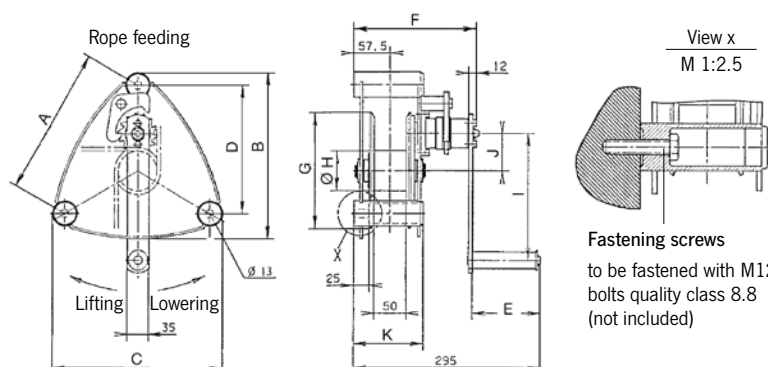
### Technical data model SW-W ALPHA

| Model      | Art.-No.  | Capacity<br>1 <sup>st</sup> layer<br>kg | Capacity<br>top layer<br>kg | Drum<br>length<br>mm | Rope<br>diameter*<br>mm | Useable<br>rope length<br>1 <sup>st</sup> layer<br>m | Useable<br>rope length<br>top layer<br>m | Lift per<br>crank<br>rotation<br>mm | Required<br>crank effort<br>daN | Weight<br>without<br>rope<br>kg |
|------------|-----------|-----------------------------------------|-----------------------------|----------------------|-------------------------|------------------------------------------------------|------------------------------------------|-------------------------------------|---------------------------------|---------------------------------|
| ALPHA 300  | 030272006 | 300                                     | 130                         | 50                   | 5                       | 1.3                                                  | 28                                       | 57                                  | 13                              | 10                              |
| ALPHA 500  | 030272005 | 500                                     | 230                         | 50                   | 6                       | 1                                                    | 20                                       | 55                                  | 17                              | 10                              |
| ALPHA 750  | 030272002 | 750                                     | 270                         | 50                   | 7                       | 1                                                    | 26                                       | 45                                  | 17                              | 16                              |
| ALPHA 1000 | 030272001 | 1000                                    | 360                         | 50                   | 7                       | 1                                                    | 26                                       | 45                                  | 18                              | 16                              |

\*recommended rope: DIN 3060 FE-znk 1770 sz-spa

### Dimensions model SW-W ALPHA

| Model    | ALPHA 300 | ALPHA 500 | ALPHA 750 | ALPHA 1000 |
|----------|-----------|-----------|-----------|------------|
| Art.-No. | 030272006 | 030272005 | 030272002 | 030272001  |
| A, mm    | 234       | 234       | 306       | 306        |
| B, mm    | 262       | 262       | 337       | 337        |
| C, mm    | 274       | 274       | 357       | 357        |
| D, mm    | 203       | 203       | 265       | 265        |
| E, mm    | 107       | 107       | 107       | 107        |
| F, mm    | 194       | 194       | 194       | 194        |
| G, mm    | 183       | 183       | 255       | 255        |
| Ø H, mm  | 63        | 63        | 63.5      | 63.5       |
| I, mm    | 200       | 250       | 250       | 320        |
| J, mm    | 58.6      | 58.6      | 92.5      | 92.5       |
| K, mm    | 109.5     | 109.5     | 107       | 107        |





## Wall-mounted winch with worm gear drive model SW-W-SGG

Capacity 250 - 750 kg

The robust manual rope winches with enclosed worm gear are used in the agricultural industry and in the marine sector.

### Features

- Winch housing with enclosed worm gear and additional load pressure brake of solid casting design for a long service life.
- The oil bath lubricated worm gear ensures quiet running characteristics.
- Easy and quick mounting.
- The crank arm is adjustable and makes it possible to work faster with small loads.

**Fall arrest blocks for the transportation of persons, see page 271.**

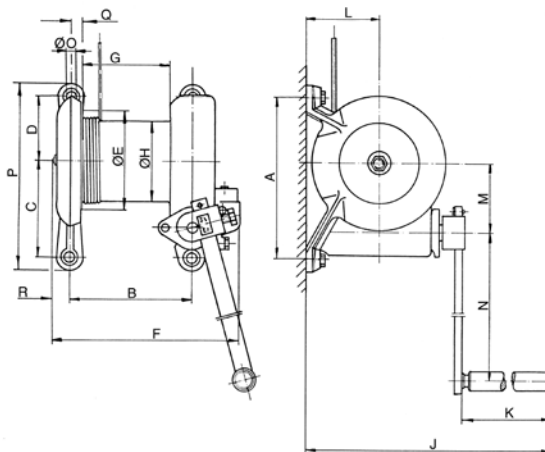
### Technical data model SW-W-SGG

| Model   | Art.-No.  | Capacity 1 <sup>st</sup> layer | Capacity top layer | Drum diameter | Rope diameter* | Useable rope length 1 <sup>st</sup> layer | Useable rope length top layer | Lift per crank rotation | Required crank effort | Weight without rope |
|---------|-----------|--------------------------------|--------------------|---------------|----------------|-------------------------------------------|-------------------------------|-------------------------|-----------------------|---------------------|
|         |           | kg                             | kg                 | mm            | mm             | m                                         | m                             | mm                      | daN                   | kg                  |
| SGG 250 | 030242004 | 250                            | 210                | 96            | 5              | 4.8                                       | 17.9                          | 20                      | 9.2                   | 12                  |
| SGG 500 | 030243000 | 500                            | 425                | 125           | 6              | 8.1                                       | 28.8                          | 26                      | 14.5                  | 22                  |
| SGG 750 | 030244007 | 750                            | 624                | 150           | 8              | 9.2                                       | 48                            | 20                      | 16                    | 43                  |

\*recommended rope: DIN 3060 FE-znk 1770 sZ-spa

### Technical data model SW-W-SGG

| Model    | SGG 250   | SGG 500   | SGG 750   |
|----------|-----------|-----------|-----------|
| Art.-No. | 030242004 | 030243000 | 030244007 |
| A, mm    | 205       | 250       | 330       |
| B, mm    | 137       | 190       | 243       |
| C, mm    | 120       | 150       | 205       |
| D, mm    | 85        | 100       | 125       |
| Ø E, mm  | 135       | 182       | 240       |
| F, mm    | 219       | 282       | 350       |
| G, mm    | 94        | 138       | 182       |
| Ø H, mm  | 96        | 125       | 150       |
| J, mm    | 310       | 476       | 576       |
| K, mm    | 108       | 238       | 238       |
| L, mm    | 96        | 112       | 160       |
| M, mm    | 79        | 101       | 146       |
| N, mm    | 295       | 430       | 440       |
| Ø O, mm  | 12        | 14        | 20        |
| P, mm    | 237       | 290       | 390       |
| Q, mm    | 13        | 18        | 20        |
| R, mm    | 21        | 25        | 32        |



## Wall-mounted winch with worm gear drive model SW-W-SGO

Capacity 250 - 5000 kg

Wall-mounted winch with worm gear drive and load pressure brake for efficient lifting of heavy loads.

### Features

- Housing and rope drums made out of robust steel plate.
- Worm gear drive with additional load pressure brake for safe holding of the load.
- Roller bearings ensure smooth running of the rope and increased lifetime of the winch.
- Second speed for fast lifting of smaller loads, resulting in lowest possible handle effort and rapid winding of the rope (for capacities of 2000 kg and above).
- Large drum capacity with two rope outlets.
- Variable crank with adjustable crank handle for capacities up to 1500 kg.
- Easy and quick mounting.



Model SW-W-SGO  
Capacity 1500 kg

### Technical data model SW-W-SGO

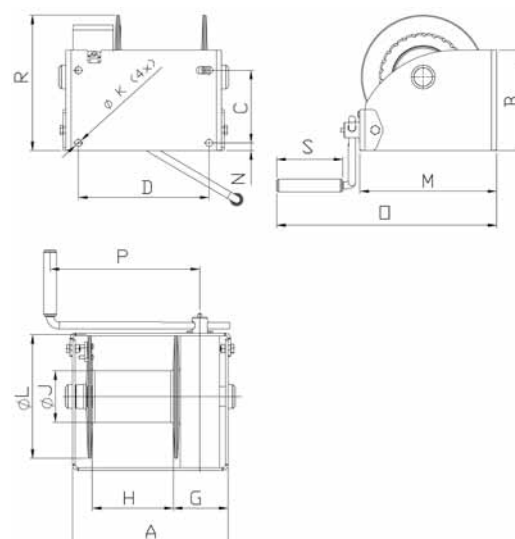
| Model    | Art.-No.  | Capacity<br>1 <sup>st</sup> layer<br>kg | Capacity<br>top layer<br>kg | Rope<br>diameter*<br>mm | Useable<br>rope length<br>1 <sup>st</sup> layer<br>m | Useable<br>rope length<br>top layer<br>m | Lift per<br>crank<br>rotation<br>mm | Required<br>crank effort<br>daN | Weight<br>without<br>rope<br>kg |
|----------|-----------|-----------------------------------------|-----------------------------|-------------------------|------------------------------------------------------|------------------------------------------|-------------------------------------|---------------------------------|---------------------------------|
| SGO 250  | 040251003 | 250                                     | 100                         | 5                       | 2.3                                                  | 44                                       | 29                                  | 6                               | 13                              |
| SGO 500  | 040252026 | 500                                     | 238                         | 6                       | 3.7                                                  | 54                                       | 30                                  | 11                              | 16                              |
| SGO 1000 | 040253006 | 1000                                    | 500                         | 9                       | 4.5                                                  | 46                                       | 21                                  | 10.6                            | 26                              |
| SGO 1500 | 040253000 | 1500                                    | 850                         | 10                      | 4.5                                                  | 38                                       | 18                                  | 16                              | 28                              |
| SGO 2000 | 030254002 | 2000                                    | 1100                        | 13                      | 4                                                    | 37                                       | 8/16**                              | 9/18**                          | 60                              |
| SGO 3000 | 030255009 | 3000                                    | 2000                        | 16                      | 5                                                    | 34.5                                     | 7/14**                              | 12/24**                         | 78                              |
| SGO 5000 | 030256013 | 5000                                    | 3300                        | 20                      | 4.5                                                  | 33.8                                     | 8/16**                              | 25.2/50.4**                     | 105                             |

\*recommended rope: DIN 3060 FE-znk 1770 sZ-spa

\*\*1<sup>st</sup>/2<sup>nd</sup> speed

### Dimensions model SW-W-SGO

| Model    | SGO 250   | SGO 500   | SGO 1000  | SGO 1500  | SGO 2000  | SGO 3000  | SGO 5000  |
|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Art.-No. | 040251003 | 040252026 | 040253006 | 040253000 | 030254002 | 030255009 | 030256013 |
| A, mm    | 238       | 269       | 302       | 302       | 410       | 436       | 436       |
| B, mm    | 145       | 160       | 195       | 250       | 310       | 365       | 425       |
| C, mm    | 100       | 115       | 141       | 178       | 196       | 251       | 316       |
| D, mm    | 192       | 223       | 254       | 254       | 360       | 386       | 386       |
| G, mm    | 106       | 107       | 110       | 111       | 137       | 137       | 137       |
| H, mm    | 102       | 131       | 160       | 160       | 176       | 204       | 200       |
| Ø J, mm  | 48        | 70        | 102       | 102       | 133       | 165       | 219       |
| Ø K, mm  | 14        | 14        | 17        | 17        | 25        | 25        | 25        |
| Ø L, mm  | 160       | 190       | 240       | 240       | 312       | 376       | 437       |
| M, mm    | 191       | 221       | 266       | 278       | 383       | 443       | 495       |
| N, mm    | 15        | 15        | 15        | 15        | 45        | 47        | 60        |
| O, mm    | 354       | 384       | 429       | 441       | -         | -         | -         |
| P, mm    | 280       | 325       | 350       | 350       | 380       | 380       | 380       |
| R, mm    | 171       | 192       | 264       | 306       | 420       | 527       | 604       |
| S, mm    | 130       | 130       | 130       | 130       | 220       | 220       | 220       |





Model SW-K GAMMA  
Capacity 800 kg

**Pfaff winches are not designed for passenger elevation applications and must not be used for this purpose.**



Model SW-K GAMMA  
Capacity 500 kg

## Console-mounted aluminium rope winch model SW-K GAMMA

Capacity 200 - 800 kg

Due to its rugged design, the aluminium rope winch is suitable for operation outdoors.

### Features

- Compact aluminium housing and enclosed sprocket wheel drive. From a capacity of 500 kg with speed increasing ratio for small loads and quicker winding and unwinding of the unloaded rope.
- Spur gear drive for optimal efficiency and comfortable handling.
- Enclosed gear for the protection of parts inside, also for arduous applications.
- Low-friction shaft sliding bearings for improved rope lead-off and a longer service life of the winch.
- Wide rope drum for a large rope capacity with two rope attachment points.
- Easy and quick mounting.
- With integrated safety spring brake system and removable crank. The winches can be operated from either side.

### Technical data model SW-K GAMMA

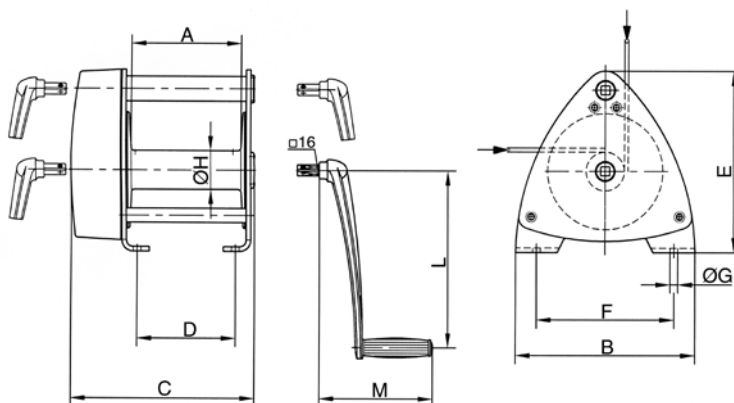
| Model     | Art.-No.  | Capacity 1 <sup>st</sup> layer | Capacity top layer | Rope diameter* | Useable rope length 1 <sup>st</sup> layer | Useable rope length top layer | Lift per crank rotation | Required crank effort | Ratio  | Weight without rope |
|-----------|-----------|--------------------------------|--------------------|----------------|-------------------------------------------|-------------------------------|-------------------------|-----------------------|--------|---------------------|
|           |           | kg                             | kg                 | mm             | m                                         | m                             | mm                      | daN                   |        | kg                  |
| GAMMA 200 | 040270004 | 200                            | 110                | 4              | 3.6                                       | 40                            | 195                     | 19                    | –      | 6                   |
| GAMMA 500 | 040270001 | 500                            | 200                | 6              | 4.2                                       | 50                            | 60/400**                | 12                    | 6.57:1 | 14                  |
| GAMMA 800 | 040270006 | 800                            | 350                | 7              | 5.3                                       | 78                            | 36/280**                | 18                    | 7.57:1 | 16                  |

\*recommended rope: DIN 3060 FE-znk 1770 sZ-spa

\*\*load/speed increasing ratio

### Dimensions model SW-K GAMMA

| Model    | GAMMA 200 | GAMMA 500 | GAMMA 800 |
|----------|-----------|-----------|-----------|
| Art.-No. | 040270004 | 040270001 | 040270006 |
| A, mm    | 120       | 120       | 200       |
| B, mm    | 160       | 220       | 326       |
| C, mm    | 192       | 330       | 336       |
| D, mm    | 152       | 100       | 180       |
| E, mm    | 165       | 267       | 327       |
| F, mm    | 135       | 125       | 250       |
| Ø G, mm  | 9.5       | 11        | 14        |
| Ø H, mm  | 50        | 60        | 70        |
| L, mm    | 320       | 250       | 320       |
| M, mm    | 207       | 165       | 207       |



## Compact aluminium rope winch with free-wheeling device model SW-KAL

Capacity 750 - 1120 kg

Console-mounted rope winches are used for super-structures on vehicles and trailers and when lifting and lowering loads.

### Features

- Self-locking worm gear, free-wheeling device for ease of operation.
- Enclosed gear for the protection of internal parts, also for arduous applications.
- Low-friction shaft bearings for a longer service life of the winch.
- Easy and quick mounting.



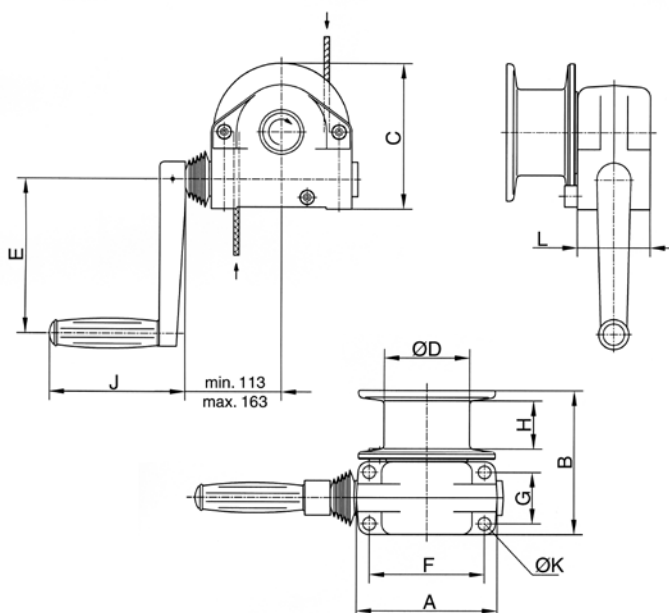
### Technical data model SW-KAL

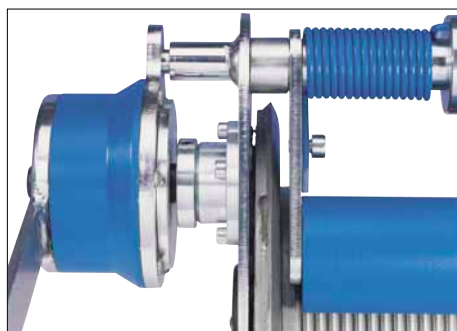
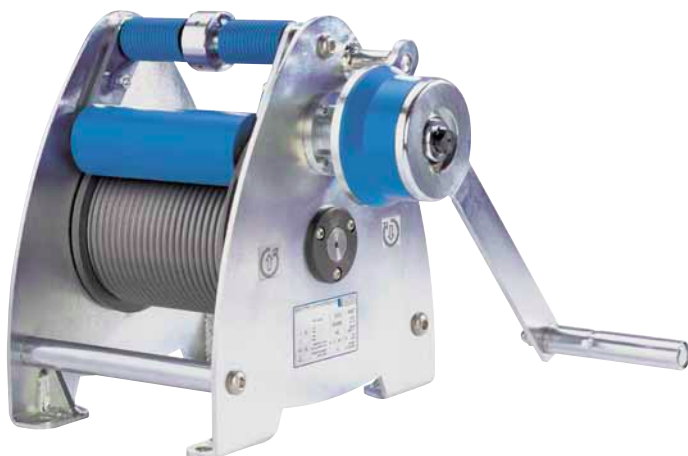
| Model    | Art.-No.  | Capacity 1st layer | Capacity top layer | Drum diameter | Rope diameter* | Useable rope length 1 <sup>st</sup> layer | Useable rope length max. | Lift per crank rotation | Lift per crank rotation top layer | Required crank effort | Weight without rope |
|----------|-----------|--------------------|--------------------|---------------|----------------|-------------------------------------------|--------------------------|-------------------------|-----------------------------------|-----------------------|---------------------|
|          |           | kg                 | kg                 | mm            | mm             | m                                         | m                        | mm                      | mm                                | daN                   | kg                  |
| KAL 750  | 030207004 | 750                | 600                | 100           | 6              | 1.3                                       | 10                       | 15                      | 17                                | 20                    | 7                   |
| KAL 1120 | 030208000 | 1120               | 600                | 63            | 7              | 0.5                                       | 10                       | 11                      | 16                                | 22                    | 7                   |

\*recommended rope: DIN 3060 SE-znk 1770 sZ-spa

### Dimensions model SW-KAL

| Model    | KAL 750   | KAL 1120  |
|----------|-----------|-----------|
| Art.-No. | 030207004 | 030208000 |
| A, mm    | 165       | 165       |
| B, mm    | 168       | 168       |
| C, mm    | 170       | 170       |
| Ø D, mm  | 100       | 63        |
| E, mm    | 180       | 180       |
| F, mm    | 135       | 135       |
| G, mm    | 60        | 60        |
| H, mm    | 56        | 50        |
| J, mm    | 160       | 160       |
| Ø K, mm  | 13        | 13        |
| L, mm    | 85        | 85        |





## Console-mounted rope winch model SW-K LAMBDA (BGV C1)

Capacity 300 kg

The compact rope winch for applications on stages, in studios, theatres, etc.

### Features

- State-of-the-art design with galvanized side sections for easy handling.
- Grooved drum for single-layer winding of the steel rope. An 18:1 ratio between drum and rope diameter increases the service life of the rope substantially.
- With spring-loaded rope pressure roller to prevent the unloaded rope from jumping off the drum.
- Gear rated for twice the nominal load.
- Spur gear drive for optimal efficiency and comfortable handling.
- The fitted safety crank with two spring brakes acting independently of each other for safe holding of the load in any position.
- Complies with the latest accident prevention regulations BGV C1 (DIN 56925) as well as the prototype and safety test (GS-test – tested safety) of the German committee for lifting equipment.

### Options

- Drum extension for a larger rope capacity.
- Special grooves (several ropes)

**Pfaff winches are not designed for passenger elevation applications and must not be used for this purpose.**

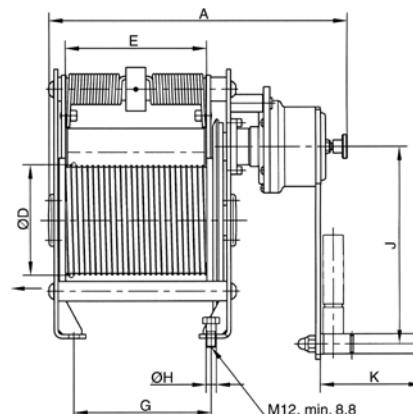
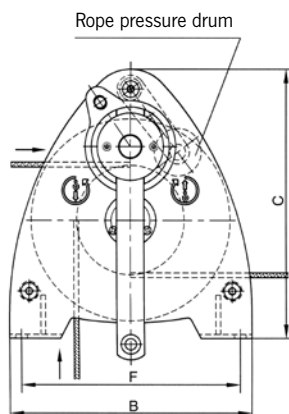
## Technical data model Lambda (BGVC1)

| Art.-No.  | Capacity<br>kg | Rope<br>diameter*<br>mm | Useable<br>rope length<br>1 <sup>st</sup> layer<br>m | Lift per<br>crank<br>rotation<br>mm | Required<br>crank effort<br>daN | Ratio  | Weight<br>without<br>rope<br>kg |
|-----------|----------------|-------------------------|------------------------------------------------------|-------------------------------------|---------------------------------|--------|---------------------------------|
| 030272015 | 300            | 6                       | 10                                                   | 50                                  | 18                              | 8.83:1 | 30                              |
| 030272017 | 300            | 6                       | 15                                                   | 50                                  | 18                              | 8.83:1 | 36                              |

\*recommended steel rope: 6 DIN 3069 SE-znk 1960 sZ-spa, (breaking load of the rope min. 30.4 kN)

## Dimensions model Lambda (BGVC1)

| Art.-No. | 030272015 | 030272017 |
|----------|-----------|-----------|
| A, mm    | 379       | 469       |
| B, mm    | 310       | 310       |
| C, mm    | 340       | 340       |
| Ø D, mm  | 139.4     | 139.4     |
| E, mm    | 180       | 270       |
| F, mm    | 280       | 280       |
| G, mm    | 175       | 265       |
| Ø H, mm  | 13        | 13        |
| J, mm    | 250       | 250       |
| K, mm    | 130       | 130       |





### Manual winch with spur gear drive model MWS

Capacity 150 - 1500 kg

For the operation where no electricity is available or in a dirty environment.

Recommended rope diameter according to DIN 3060 FE-znk 1770 sZ-spa.

The rope is not part of the delivery package.

#### Features

- Enclosed gear drive for protection of internal parts, even under tough working conditions.
- Spur gears on roller bearings, rope drum on plain bearings.
- Compact design.
- Easy and quick mounting onto walls, poles etc.
- They have a self-locking, anti-kickback and adjustable crank handle for fast lifting of smaller loads, resulting in lowest possible handle effort and rapid winding of the rope.
- Automatic load pressure brake for safe holding and extremely sensitive lowering of the load. Unintentional brake release is prevented even with swinging loads.
- They are suitable for operation in ambient temperatures of -20 °C up to +40 °C.

#### Option

- Corrosion resistant version

**!** Pfaff winches are not designed for passenger elevation applications and must not be used for this purpose.

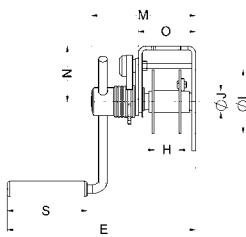
## Technical data model MWS

| Model    | EAN-No.<br>4025092* | Capacity<br>1 <sup>st</sup> layer | Capacity<br>top layer | Crank effort<br>1 <sup>st</sup> layer | Lift per<br>crank<br>rotation<br>1 <sup>st</sup> layer | Lift per<br>crank<br>rotation<br>top layer | Ratio  | Weight<br>without<br>rope | Rope<br>diameter* | Breaking<br>load<br>of rope<br>min.<br>kN | Useable<br>rope<br>length<br>1 <sup>st</sup> layer<br>m | Useable<br>rope<br>length<br>max.<br>m | Number<br>of<br>layers<br>max. |
|----------|---------------------|-----------------------------------|-----------------------|---------------------------------------|--------------------------------------------------------|--------------------------------------------|--------|---------------------------|-------------------|-------------------------------------------|---------------------------------------------------------|----------------------------------------|--------------------------------|
|          |                     | kg                                | kg                    | daN                                   | mm                                                     | mm                                         |        | kg                        | mm                |                                           |                                                         |                                        |                                |
| MWS 150  | *635356             | 150                               | 68                    | 11                                    | 122                                                    | 210                                        | 1:1    | 4                         | 4                 | 5.7                                       | 0.8                                                     | 13                                     | 8                              |
| MWS 300  | *635363             | 300                               | 166                   | 6                                     | 32                                                     | 44                                         | 1:7.4  | 10                        | 5                 | 15.9                                      | 1.8                                                     | 21                                     | 7                              |
| MWS 600  | *635370             | 600                               | 308                   | 10                                    | 28                                                     | 41                                         | 1:7.4  | 11                        | 6                 | 22.9                                      | 1.2                                                     | 12                                     | 6                              |
| MWS 1000 | *635387             | 1000                              | 587                   | 11                                    | 20                                                     | 27                                         | 1:17   | 27                        | 9                 | 51                                        | 3.0                                                     | 25                                     | 5                              |
| MWS 1500 | *635394             | 1500                              | 844                   | 12                                    | 14                                                     | 19                                         | 1:25.7 | 27.5                      | 10                | 63                                        | 2.7                                                     | 21                                     | 5                              |

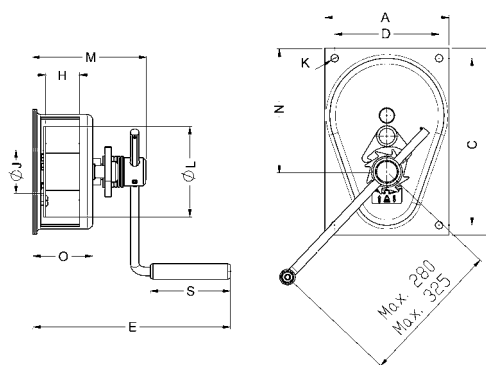
\*recommended rope: DIN 3060 FE-znk 1770 sZ-spa

## Dimensions model MWS

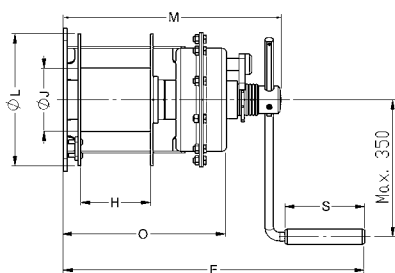
| Model | MWS 150 | MWS 300 | MWS 600 | MWS 1000 | MWS 1500 |
|-------|---------|---------|---------|----------|----------|
| A, mm | 65      | 200     | 200     | 230      | 230      |
| B, mm | 168     | 300     | 300     | 340      | 340      |
| C, mm | 128     | 268     | 268     | 280      | 280      |
| D, mm | 40      | 168     | 168     | 180      | 180      |
| E, mm | 303     | 318     | 318     | 485      | 485      |
| G, mm | 26      | —       | —       | —        | —        |
| H, mm | 40.5    | 55      | 55      | 113      | 113      |
| J, mm | 35      | 70      | 60      | 102      | 102      |
| K, mm | 9       | 12      | 12      | 17       | 17       |
| L, mm | 102     | 145     | 145     | 212      | 212      |
| M, mm | 168     | 182     | 182     | 350      | 350      |
| N, mm | 89      | 199     | 199     | 266      | 266      |
| O, mm | 92      | 96      | 96      | 263      | 263      |
| S, mm | 128.5   | 128.5   | 128.5   | 128.5    | 128.5    |



Model MWS, capacity 150 kg



Model MWS, capacity 300 - 600 kg



Model MWS, capacity 1000 - 1500 kg