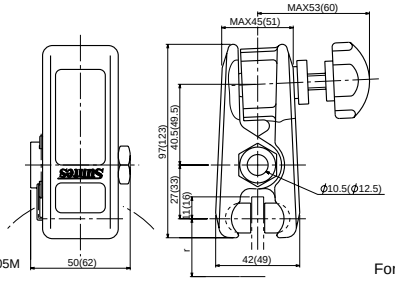
# Mechanical Disc Brake PAT.

[ Mechanical Operated ]

## Knob Operated
## DB-3004M · 3005M

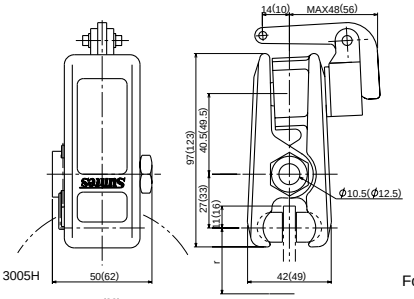



Figures in parentheses are 3005M

For detail refer page 1.

## Lever Operated
## DB-3004H · 3005H

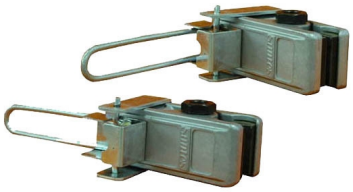
DB-3004H

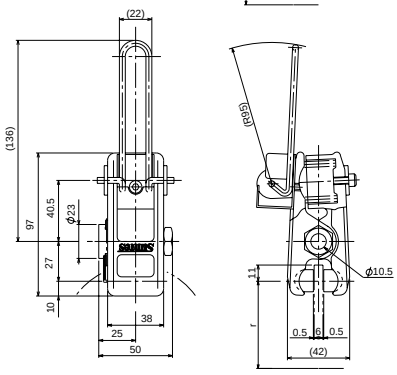



Figures in parentheses are 3005H

For detail refer page 2.

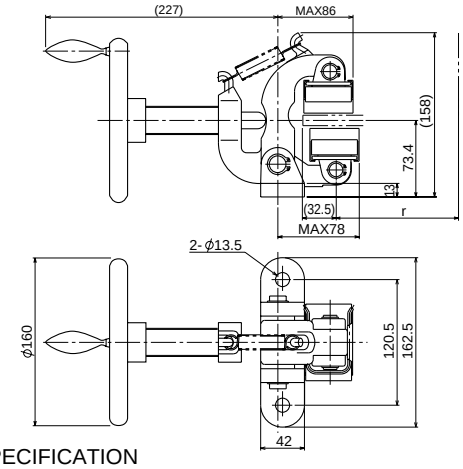
## Spring Applied Lever Release
## DB-3004H-101



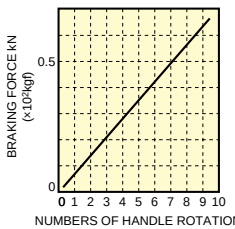



For detail refer page 2.

## Handle Operated
## DB-3012M




●CHARACTERISTIC CURVE




・COEFFICIENT OF DYNAMIC FRICTION 0.3

●SPECIFICATION

| | | |
|---|---|---|
| ・MODEL TYPE | | DB-3012M |
| ・USABLE DISC DIA | (㎜) | ϕ200~∞ |
| ・DISC THICKNESS | (㎜) | 10.4 |
| ・EFFECTIVE RADIUS OF BRAKING | (m) | $r=\frac{1}{1000}(\frac{\text{DISC DIA}}{2}-32.5)$ |
| ・PAD MODEL TYPE | | DB-0433-K※※※ |
| ・WEAR ALLOWANCE OF PAD | (㎜) | 7 |
| ・WEIGHT | (kg) | 6.5 |
| ・TORQUE CALCULATION (BRAKING FORCE=kN) | | T (kN·m) = kN × r |

Pad for only holding (static $\mu$) is available for application for holding brake.

∗Dimensions and specifications might be changed for improvement without notice.



SANYO SHOJI CO.,LTD.

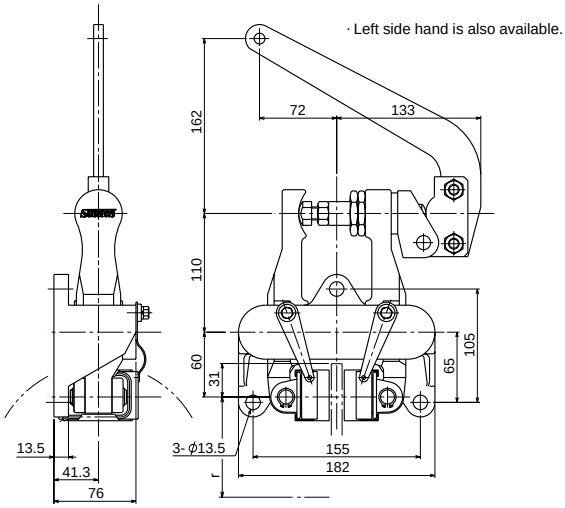
# Mechanical Disc Brake

[ Mechanical Operated ]

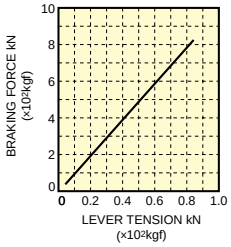
## Lever Operated

## DB-3010H

· Left side hand is also available.




●CHARACTERISTIC CURVE




· COEFFICIENT OF DYNAMIC FRICTION 0.3

●SPECIFICATION

| · MODEL TYPE | | DB-3010H |
|---|---|---|
| · USABLE DISC DIA | (㎜) | φ200~∞ |
| · DISC THICKNESS | (㎜) | 10 |
| · EFFECTIVE RADIUS OF BRAKING | (m) | $r=\frac{1}{1000}(\frac{\text{DISC DIA}}{2}-31)$ |
| · PAD MODEL TYPE | (㎜) | DB-0433-K ※※※ |
| · WEAR ALLOWANCE OF PAD | (㎜) | 7 |
| · MOVABLE ANGLE (MAX) | | 33 |
| · WEIGHT | (kg) | 7.5 |
| · TORQUE CALCULATION (BRAKING FORCE=kN) | | T (kN·m) = kN × r |

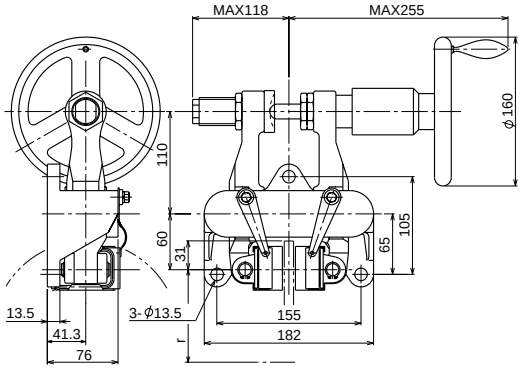
Pad for only holding (static $\mu$) is available for application for holding brake.



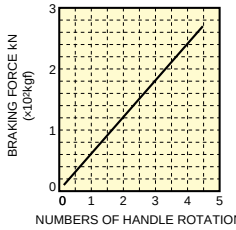
## Handle Operated

## DB-3010M

· Left side hand is also available.




●CHARACTERISTIC CURVE




· COEFFICIENT OF DYNAMIC FRICTION 0.3

●SPECIFICATION

| · MODEL TYPE | | DB-3010M |
|---|---|---|
| · USABLE DISC DIA | (㎜) | φ1200~∞ |
| · DISC THICKNESS | (㎜) | 10 |
| · EFFECTIVE RADIUS OF BRAKING | (m) | $r=\frac{1}{1000}(\frac{\text{DISC DIA}}{2}-31)$ |
| · PAD MODEL TYPE | (㎜) | DB-0433-K ※※※ |
| · WEAR ALLOWANCE OF PAD | (㎜) | 7 |
| · WEIGHT | (kg) | 8 |
| · TORQUE CALCULATION (BRAKING FORCE=kN) | | T (kN·m) = kN × r |

Pad for only holding (static $\mu$) is available for application for holding brake.

∗Dimensions and specifications might be changed for improvement without notice.

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