

PN UNI Top Swing by Roto

Reversible Gearing



- Easy and secure operation
- Fully reverses for easy cleaning
- Sash reversal takes place outside of the building avoiding interior curtains/blinds
- Emergency egress escape opening can be achieved (providing building regulations are met)
- PAS 24 compliant when additional support hardware is used
- BS 6375 Part 2 2009 compliant



The sash can be fully reversed for easy, safe cleaning from the inside. The sash reversal takes place outside of the building to avoid damage to interior curtains or blinds.

The Top Swing gearing is capable of achieving emergency escape (providing that all relevant building regulations are met). An integral child restrictor and reverse catch is supplied as standard for safety. Additional safety can be added by mounting a blocking device, preventing the window from being opened more than 100mm.

The robust system has been designed with multi-storey public and commercial buildings in mind, including hotels. Equally suitable for high-rise domestic applications, the hardware solution is ideal for situations in which safe cleaning of the opening is necessary.

The sash and frame detail are the same for all window PN UNI variants, allowing styles to be fitted without changing profile routing. This ensures a uniform aesthetic appearance on all window styles.



Technical Information:

- Recommended sash window height: 308mm – 1700mm (height should always exceed width)
- Glazed sash weight: 60kg max
- Heavy duty gearing to suit 80kg sash weights available
- Module 4 max glazed sash weight: 15kg



| Ref No | Module Size | Min Sash Height When No Cutting | Max Sash Height When No Cutting | F Dim (mm) No Cutting | Max Escape Opening Height (cm) | Length of Fitting (mm) | Special PN no (Hotel Hinge) | Box Qty |
|-------------------------|-------------|---------------------------------|---------------------------------|-----------------------|--------------------------------|------------------------|-----------------------------|---------|
| PN UNI Top Swing | | | | | | | | |
| 0374 | 4 | 305 | 360 | 136 | – | 324 | – | 10 |
| 0475 | 5 | 405 | 504 | 186 | 23 | 424 | 0475 | 10 |
| 3776 | 6 | 505 | 560 | 238 | 30 | 524 | 0476 | 10 |
| 3790 | 6.5 | 561 | 604 | 264 | 34 | 580 | 0490 | 10 |
| 3777 | 7 | 605 | 660 | 288 | 36 | 624 | 0477 | 10 |
| 3791 | 7.5 | 661 | 704 | 312 | 41 | 680 | 0491 | 10 |
| 3778 | 8 | 705 | 760 | 338 | 43 | 724 | 0478 | 10 |
| 3792 | 8.5 | 761 | 804 | 364 | 46 | 780 | 0492 | 10 |
| 3779 | 9 | 805 | 860 | 388 | 50 | 824 | 0479 | 10 |
| 3793 | 9.5 | 861 | 904 | 412 | 53 | 880 | 0493 | 10 |
| 3780 | 10 | 905 | 960 | 438 | 56 | 924 | 0480 | 10 |
| 3794 | 10.5 | 961 | 1004 | 458 | 60 | 980 | 0494 | 10 |
| 3781 | 11 | 1005 | 1060 | 488 | 63 | 1024 | 0481 | 10 |
| 3795 | 11.5 | 1061 | 1104 | 512 | 66 | 1080 | 0495 | 10 |
| 3782 | 12 | 1105 | 1160 | 538 | 69 | 1124 | 0482 | 10 |
| 3796 | 12.5 | 1161 | 1204 | 564 | 73 | 1180 | 0496 | 10 |
| 3783 | 13 | 1205 | 1260 | 588 | 78 | 1224 | 0483 | 10 |
| 3797 | 13.5 | 1261 | 1304 | 612 | 80 | 1280 | 0497 | 10 |
| 3784 | 14 | 1305 | 1360 | 638 | 83 | 1324 | 0484 | 10 |
| 3798 | 14.5 | 1361 | 1404 | 664 | 86 | 1380 | 0498 | 10 |
| 3785 | 15 | 1405 | 1460 | 688 | 89 | 1424 | 0485 | 10 |
| 3799 | 15.5 | 1461 | 1504 | 712 | 92 | 1480 | 0499 | 10 |
| 3786 | 16 | 1505 | 1560 | 738 | 96 | 1524 | 0486 | 10 |
| 3787 | 17 | 1605 | 1704 | 778 | 102 | 1624 | 0487 | 10 |
| 3788 | 18 | 1705 | 1705 | 828 | 108 | 1724 | 0488 | 10 |

NB: 0374 Module 4 has no restrictor.

When cutting length of fitting up to a maximum of 50mm the sash height is reduced by same amount (see page 3 from Technical Manual when cutting).

Roto TSL

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