

variables/V-color

## **Robot Tool Changers | | SHW050**







## Feature

|                                                            | <b>Master Adaptor</b> | <b>Tool Adaptor</b> |
|------------------------------------------------------------|-----------------------|---------------------|
| <b>Reference</b>                                           | G-SHW050-2O_LT        | G-SHW050-2U_LT      |
| <b>Payload</b>                                             | 40 kg                 |                     |
| <b>Moment - Mx, My</b>                                     | 540 Nm                |                     |
| <b>Moment - Mz</b>                                         | 48 Nm                 |                     |
| <b>Repeatability - X, Y</b>                                | 0.020 mm              |                     |
| <b>Maximum Axial Tensile Force (no damage if exceeded)</b> | AL, Anod.             |                     |



## Operating conditions

|                                |               |
|--------------------------------|---------------|
| <b>Operating temperature</b>   | 5-60°C        |
| <b>Operating pressure</b>      | 6 bar $\pm$ 1 |
| <b>User pneumatic pressure</b> | 6 bar $\pm$ 1 |

## Re-think your process with the SHW Connector: the most Intuitive Manual Tool Changer Solution

Our manual tool changers range aims at solving quick equipment change issues for many applications. These tool changers can be seen as quick, repeatable, and reliable mechanical connectors that can serve many purposes: robot tooling change, special machinery utility change or even

making a tool stand movable. Installing such a kind of quick connection device makes your equipment versatile, and upgradable, and eases maintenance operation while reducing downtimes.



### Advantages

- Withstands high loads with low dead weight
- Can be released and closed with one handle
- During locking, the lower assembly is pulled around the locking stroke
- Interface according to DIN EN ISO 9409-1



### Benefits

- Does not require a deep review of the mechanical structure to be integrated.
- Cost savings through reduced maintenance downtime.
- Improved equipment versatility and upgradability and then extended productivity.
- Mitigate the need of specifically designed mounting interfaces



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