

# Three-dimensional gantry

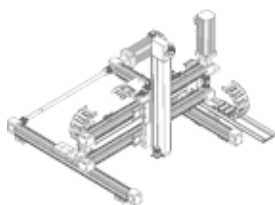
## DHSR-DGE40RF-2DGE40RF-HMP25

Part number: 543044

FESTO

comprising electric toothed belt axis with roller guides, vertical modular handling axis, precise and robust. Defined interfaces to Festo's rotary and gripper range. Order as a mounting kit or completely assembled and installed.

Please click above on symbol FAX request, to obtain a non-binding offer to fulfil your requirements.



### Data sheet

| Feature  | Value   |
|--|---|
| Assembly   | three-dimensional gantry 4.0                    |
| Effective load   | 0 ... 10 kg                                     |
| Drive unit, Z axis                                       | HMP-25  |
| Drive system, Z axis                                     | Pneumatic                                       |
| Intermediate position, Z axis                            | x1  |
| Stroke, Z axis   | 0 ... 400 mm                                    |
| Repetition accuracy in the end position, Z axis          | ± 0,02 mm                                       |
| Repetition accuracy in the intermediate position, Z axis | ± 0,02 mm                                       |
| Drive unit, Y axis                                       | 2x DGE-40-ZR-RF                                 |
| Drive system, Y axis                                     | Electrical<br>Toothed belt with roller guide 2x |
| Intermediate position, Y axis                            | Any   |
| Stroke, Y axis   | 0 ... 1,200 mm                                  |
| Repetition accuracy in the end position, Y axis          | ± 0,1 mm  |
| Repetition accuracy in the intermediate position, Y axis | ± 0,1 mm  |
| Drive unit, X axis                                       | DGE-40-ZR-RF                                    |
| Drive system, X axis                                     | Electrical<br>Toothed belt with roller guide    |
| Intermediate position, X axis                            | Any   |
| Stroke, X axis   | 0 ... 3,000 mm                                  |
| Repetition accuracy in the end position, X axis          | ± 0,1 mm  |
| Repetition accuracy in the intermediate position, X axis | ± 0,1 mm  |