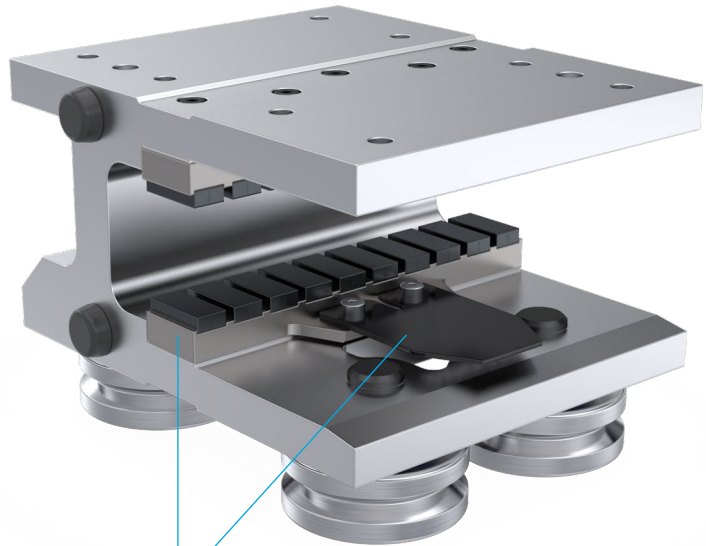


GFX Strong Mover

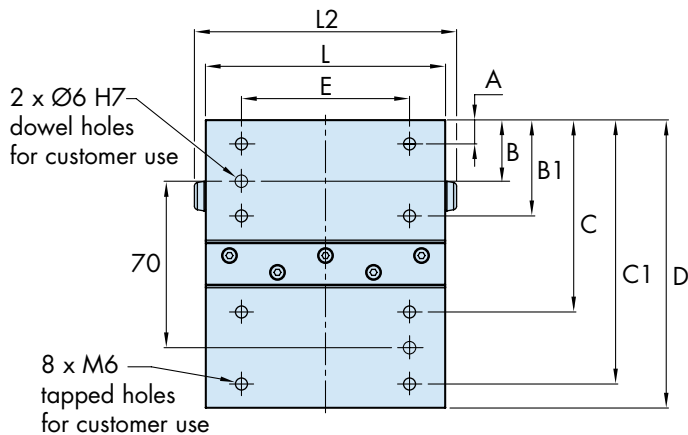
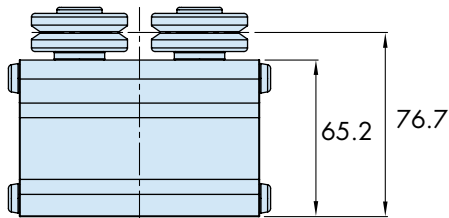
GFX Strong Movers are exclusively designed for the GFX-PRT2 ring and track systems for use with 45° and 22.5° XTS motors. They accept press loads and robotic assembly forces up to 2500N. This is 10 times higher than the standard mover.

This increase in press load capacity is at minimal cost to the dynamic capability of the XTS drive system. Dynamic payload capacity (tooling and payload) is around twice that of the standard mover.

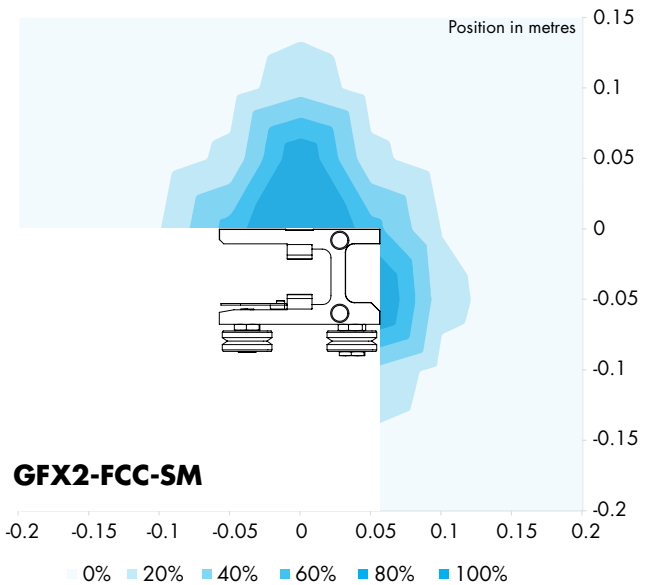


Components shown for illustration purposes only.

Technical Information



The illustration below shows where to position the payload centre-of-gravity to maximise system life (where 100% is maximum possible life).



| Mover Part Number | A | B | B1 | C | C1 | D | E | L | L2 | Bearing Diameter | Typical Payload*1 | Mass*2 |
|--------------------------|----|----|----|----|-----|-----|----|-----|-------|------------------|-------------------|--------|
| GFX2-FCC-SM34-10P | 14 | 25 | 40 | 80 | 106 | 120 | 60 | 100 | 109.2 | 34 | 7kg | 1260g |
| GFX2-FCC-SM40-10P | 10 | 25 | 40 | 80 | 110 | 120 | 70 | 100 | 109.2 | 40 | 15kg | 1550g |

Notes:

1. Typical payload will achieve life in excess of 100,000km. Higher payloads with lower speed/acceleration are possible.
2. Mass of movers includes Beckhoff magnet and encoder flag assembly.

GFX Strong Mover

Ordering Information

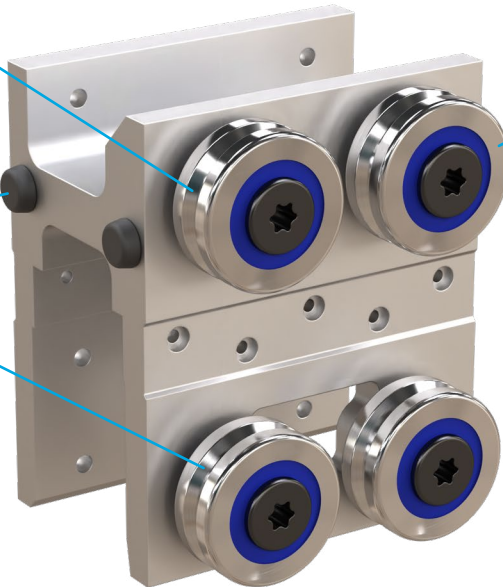
Corrosion resistant movers are supplied with stainless steel bearings.

3

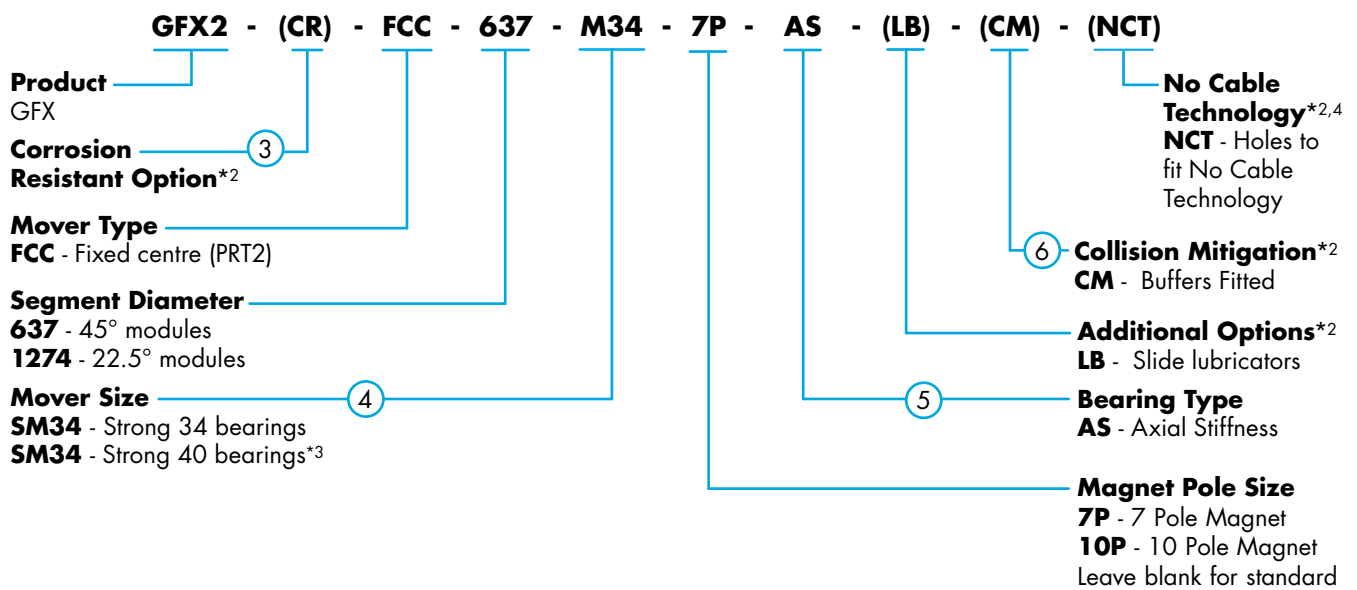
6

Bearings are axial stiffness as standard.

5



4 Outer bearing size also determines the size of the mover. Please see main [GFX Catalogue](#) for more mover information.



Notes

1. All movers are supplied fully assembled and adjusted to a system, unless requested otherwise.
2. Leave blank if not required.
3. Corrosion resistant version not available on M40 bearing option.
4. Please see main [GFX Catalogue](#) for more details on NCT.

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