

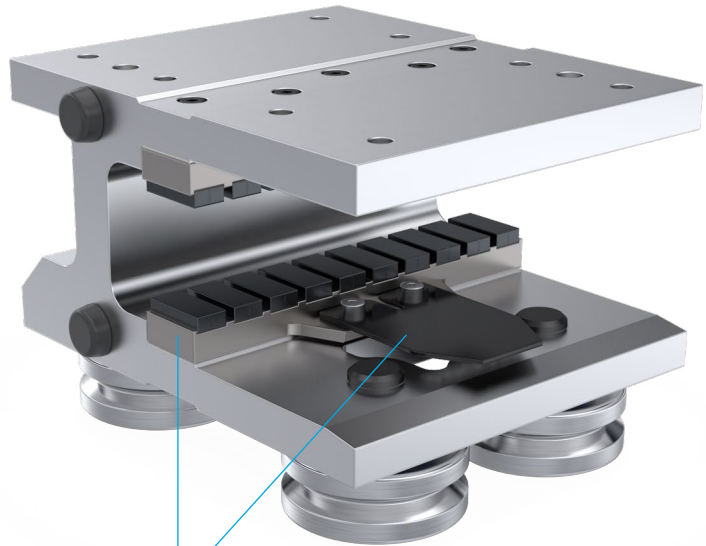


This data sheet interacts with
GFX Catalogue

GFX Strong Mover

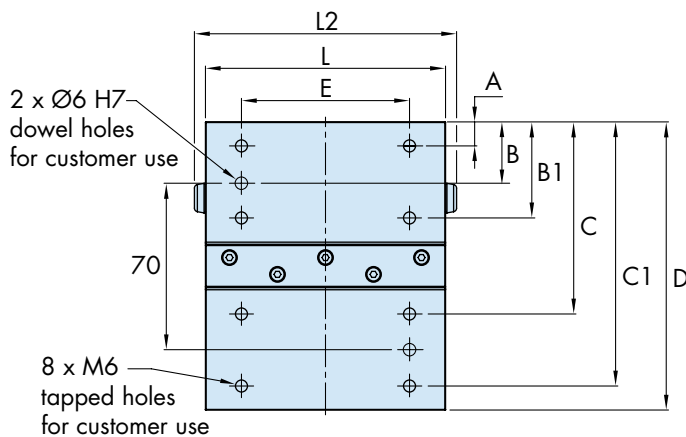
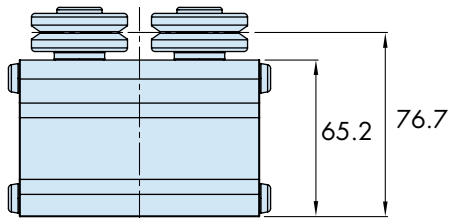
GFX Strong Movers are exclusively designed for the GFX-PRT2 ring and track systems for use with 45° and 22.5° XTS motors. They accept press loads and robotic assembly forces up to 2500N. This is 10 times higher than the standard mover.

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.

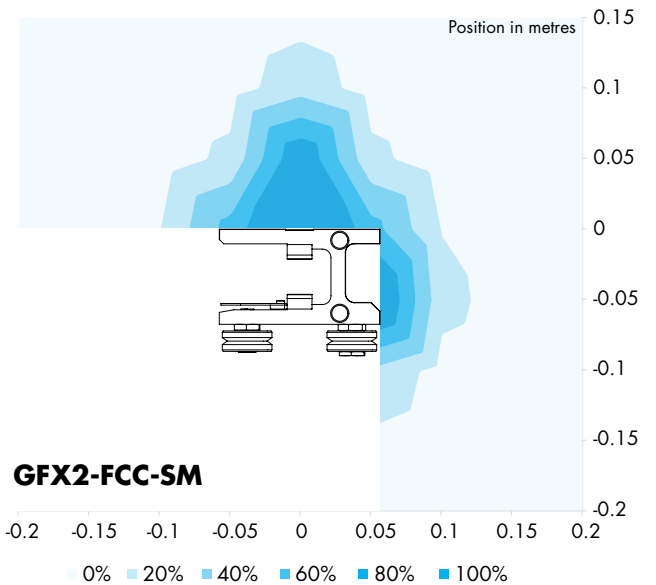


Components shown for illustration purposes only.

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

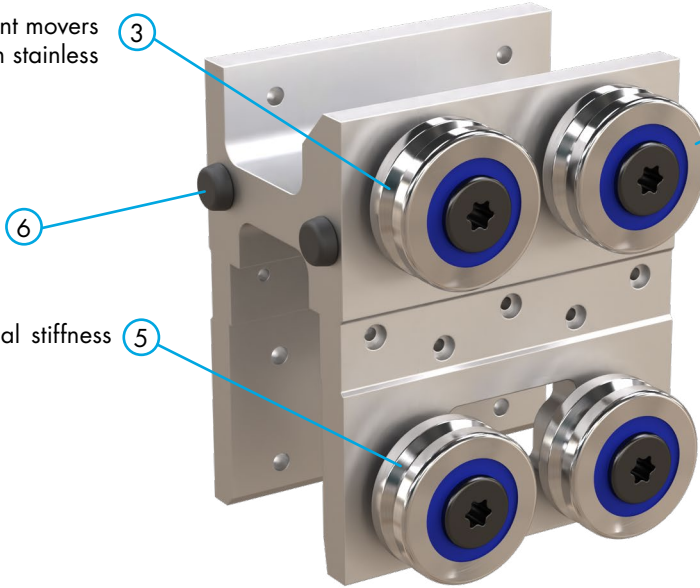
Notes:

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

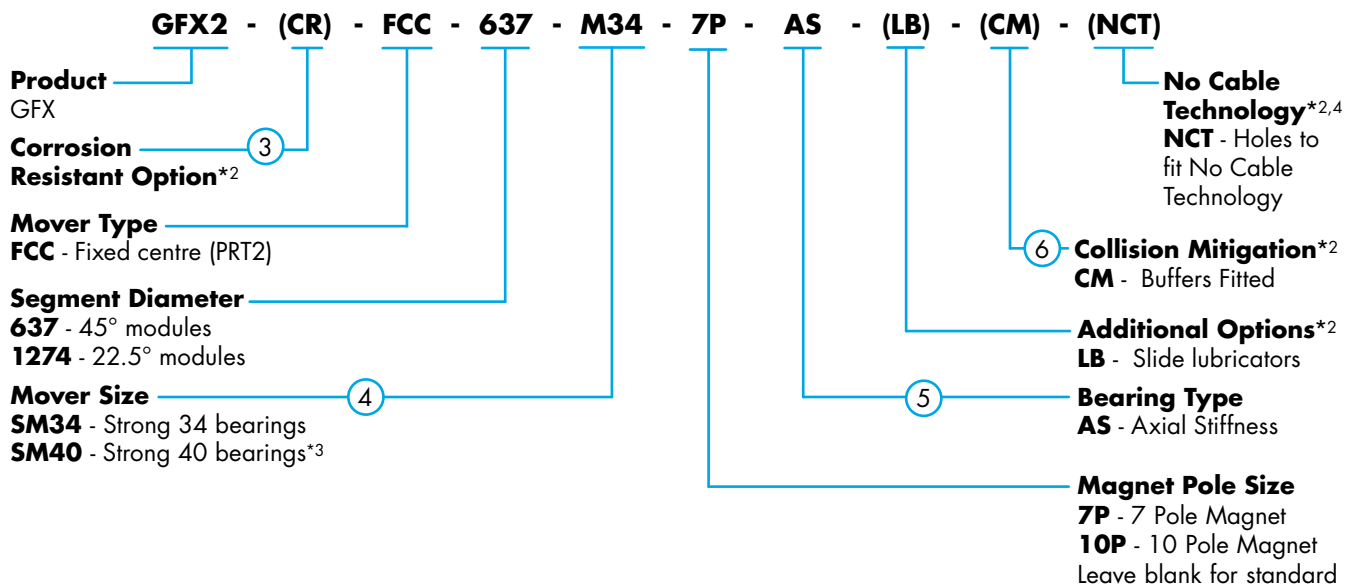
Ordering Information

Corrosion resistant movers are supplied with stainless steel bearings.



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

Bearings are axial stiffness as standard.



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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