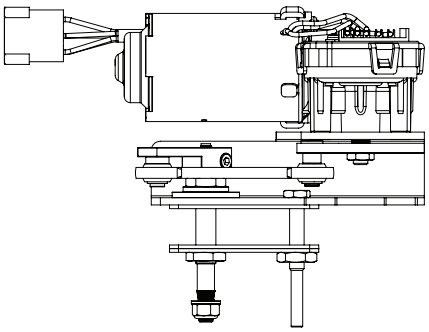
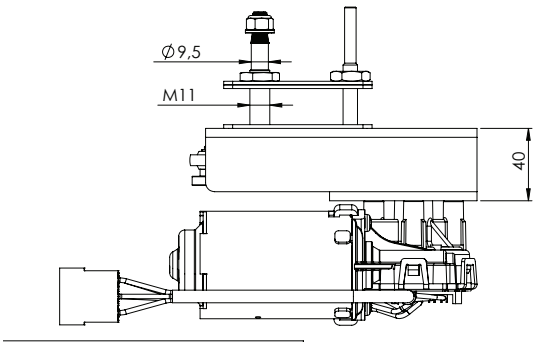
223 KGO
MD1 Wiper system

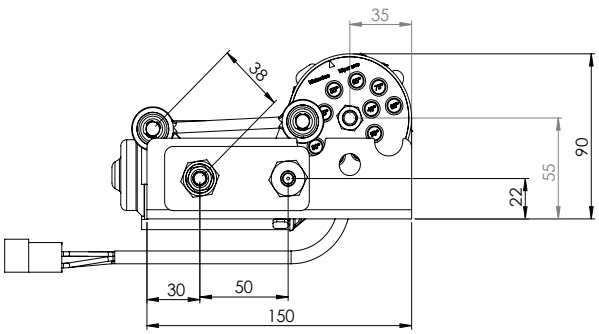
Application:	**Windows up to 700mm, glass mounted**
Torque:	**23 Nm**
Design:	**Open design**
Wipe Arc system:	**Disc, 40-90°, adjustable per 5°**
Pantograph system:	**Double arm**
Shafts:	**1 x ø 11 mm, 1 x ø 8 mm**
Center distance:	**50 mm**
Wiper arms:	**Up to 450 mm in length**
Wiper blades:	**Up to 500 mm in length**

Characteristics

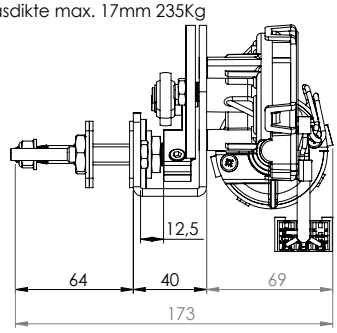
- **Pantograph / vertical wiping pattern**
- **12 or 24 Volt DC**
- **Smooth quiet operation**
- **Slow and fast speed**
- **Self park function as standard**
- **Insulated earth return as standard**
- **Variable sweep angle as standard**
- **Standard shaft lengths up to 17 mm bulkhead thickness**
- **Various control options available for al bridge designs**







Glasdikte max. 17mm 235Kg



223KGO MD1 WIPER SYSTEM

Ordering details

XA2125	**Exalto wiper 223KGO, 12V, 23Nm, bh 17 mm**
XA2126	**Exalto wiper 223KGO, 24V, 25Nm, bh 17 mm**

Exalto wiper arms with adjustable spring

2133	**Exalto adjustable PU wiper arm, L = 270 – 450 mm, + 1 adjustable spring**
2133.P	**Exalto adjustable PU wiper arm, L = 270 – 450 mm, + 1 adjustable spring (polished)**

Spares and accessories for wiper arms

2133.03	**Tubing retainer strip for 2133, L = 190mm**
2105.976	**Adjustable spring**
2105	**Swivel**
2105.048	**Headcover**
2105.048P	**Headcover polished arm**
2184	**Washing jet, 2 nozzles**
2110.CPL	**Washing jet, 6 nozzles**

Exalto wiper blades

2170.HP	**Exalto wiper blade, L = 250mm**
2171.HP	**Exalto wiper blade, L = 300mm**
2172.HP	**Exalto wiper blade, L = 350mm**
2173.HP	**Exalto wiper blade, L = 400mm**
2174.HP	**Exalto wiper blade, L = 450mm**
2175.HP	**Exalto wiper blade, L = 500mm**

Controller	No. of Wipers	Voltage
2134	for 1 wiper	12/24V
2135	for 2 wipers	12/24V
2158	for 1 wiper	12V
2159	for 1 wiper	24V
210341	for 1 wiper	12/24V
210342	for 2 wipers	12/24V
216324	for max. 3 wipers	12/24V
210321224	for max. 2 wipers	12/24V
210331224	for max. 3 wipers	12/24V
210341224	for max. 4 wipers	12/24V
210351224	for max. 5 wipers	12/24V

Electrical data

Voltage:	**12 Volt / 24 Volt**
Torque (max.):	23 / 25 **Nm (12V/24V)**
Current:	3 A / **1,5 A (12V/24V)**
Recommended fuse:	6 A / **4 A slow blow (12V/24V)**
Power consumption:	**36 W**
Number of revolutions:	**Low speed 40 rpm**
	High speed 60 rpm
Recommended cable:	**5 wires, 1½ mm² (16g) or**
	2½ mm² (14g) up to 10m long
Grounding:	**Insulated earth return**