

## FX Test values Initial test

New appliances are tested in accordance with EN 13155; the breakaway load values in kg listed in the following table must be exceeded in the test procedure.

Note: As mentioned, these values are minimum values that must be achieved/exceeded and are always above the required standard safety factor =3.0 but always below our internal design safety factor =3.5. This is due to the required test speed and the wear of the test devices.

Model	Art. Nr.	Breakaway load on flat material T=75mm (kg)	Breakaway load on 90° angle profiles (kg)	Breakaway load on round material Ø70mm (kg)	Breakaway load on round material Ø120mm (kg)	Breakaway load on round material Ø270mm (kg)
FX-150	1101 0150	>= 480	X	X	>= 240	X
FX-300	1101 0300	>= 1020	X	X	>= 520	X
FX-600	1101 0600	>= 2040	X	X	>= 1020	X
FX-800	1101 0800	>= 2720	X	X	X	>= 1360
FX-1000	1101 1000	>= 3400	X	X	X	>= 1650
FX-1500	1101 1500	>= 5100	X	X	X	>= 2550
FX-2000	1101 2000	>= 6800	X	X	X	>= 3400
FX-3000	1101 3000	>= 9600	X	X	X	>= 5000
FX-R100	1101 0101	>= 320	X	X	>= 320	X
FX-R225	1101 0221	>= 740	X	X	>= 760	X
FX-R450	1101 0451	>= 1480	X	X	>= 1480	X
FX-R750	1101 0751	>= 2500	X	X	X	>= 2500
FX-R1200	1101 1201	>= 4000	X	X	X	>= 4000
FX-R1800	1101 1801	>= 6000	X	X	X	>= 6000
FX-P170	1101 0172	>= 540	X	>= 480	X	X
FX-P330	1101 0332	>= 1100	X	X	>= 990	X
FX-P650	1101 0652	>= 2000	X	X	>= 1820	X
FX-VV200	1101 0204	>= 640	>= 380	X	X	X
FX-VV400	1101 0404	>= 1300	>= 850	X	X	X
FX-VV800	1101 0804	>= 2600	>= 1400	X	X	X

### **!Note!**

For the repeat test in accordance with DGUV, only a safety factor of 3 must be achieved