

Verification values for FX Lifters

The new devices are tested according to the specifications of EN 13155; during the test procedures the load values with tear test in kg shown in the following table must be exceeded.

Note: These values are minimum values that must be met/exceeded and are always higher than required by the standard safety factor = 3.0 but lower than our internal design safety factor = 3.5. This reduced result is due to the speed of the test and the wear of the specimens.

Model	Art.nr	Tear on Flat material T=75mm	Tear with 90 ° material	Tear with Round material diam 70mm	Tear with Round material diam 120mm	Tear with Round material diam 270mm
FX 150	1101 0150	>= 480 kg	X	x	>= 240 kg	x
FX 300	1101 0300	>= 1020 kg	X	X	>= 520 kg	X
FX 600	1101 0600	>= 2040 kg	X	X	>= 1020 kg	X
FX 800	1101 0800	>= 2720 kg	X	X	X	>= 1360 kg
FX 1000	1101 1000	>= 3400 kg	X	X	X	>= 1650 kg
FX 1500	1101 1500	>= 5100 kg	X	X	X	>= 2550 kg
FX 2000	1101 2000	>= 6800 kg	X	X	X	>= 3400 kg
FX 3000	1101 3000	>= 9600 kg	X	X	X	>= 5000 kg
FX R100	1101 0101	>= 320 kg	X	X	>= 320 kg	X
FX R225	1101 0221	>= 740 kg	X	X	>= 760 kg	X
FX R450	1101 0451	>= 1480 kg	X	X	>= 1480 kg	X
FX R750	1101 0751	>= 2500 kg	X	X	X	>= 2500 kg
FX R1200	1101 1201	>= 4000 kg	X	X	X	>= 4000 kg
FX R1800	1101 1801	>= 6000 kg	X	X	X	>= 6000 kg
FX P170	1101 0172	>= 540 kg	X	>= 480 kg	X	X
FX P330	1101 0332	>= 1100 kg	X	X	>= 990 kg	X
FX P650	1101 0652	>= 2000 kg	X	X	>= 1820 kg	X
FX VV200	1101 0204	>= 640 kg	>= 380 kg	X	X	X
FX VV400	1101 0404	>= 1300 kg	>= 850 kg	X	X	X
FX VV800	1101 0804	>= 2600 kg	>= 1400 kg	X	X	X

ATTENTION!

To repeat the verification according to DGUV it is necessary to obtain at least a safety factor of 3.