



ESG-D-3000

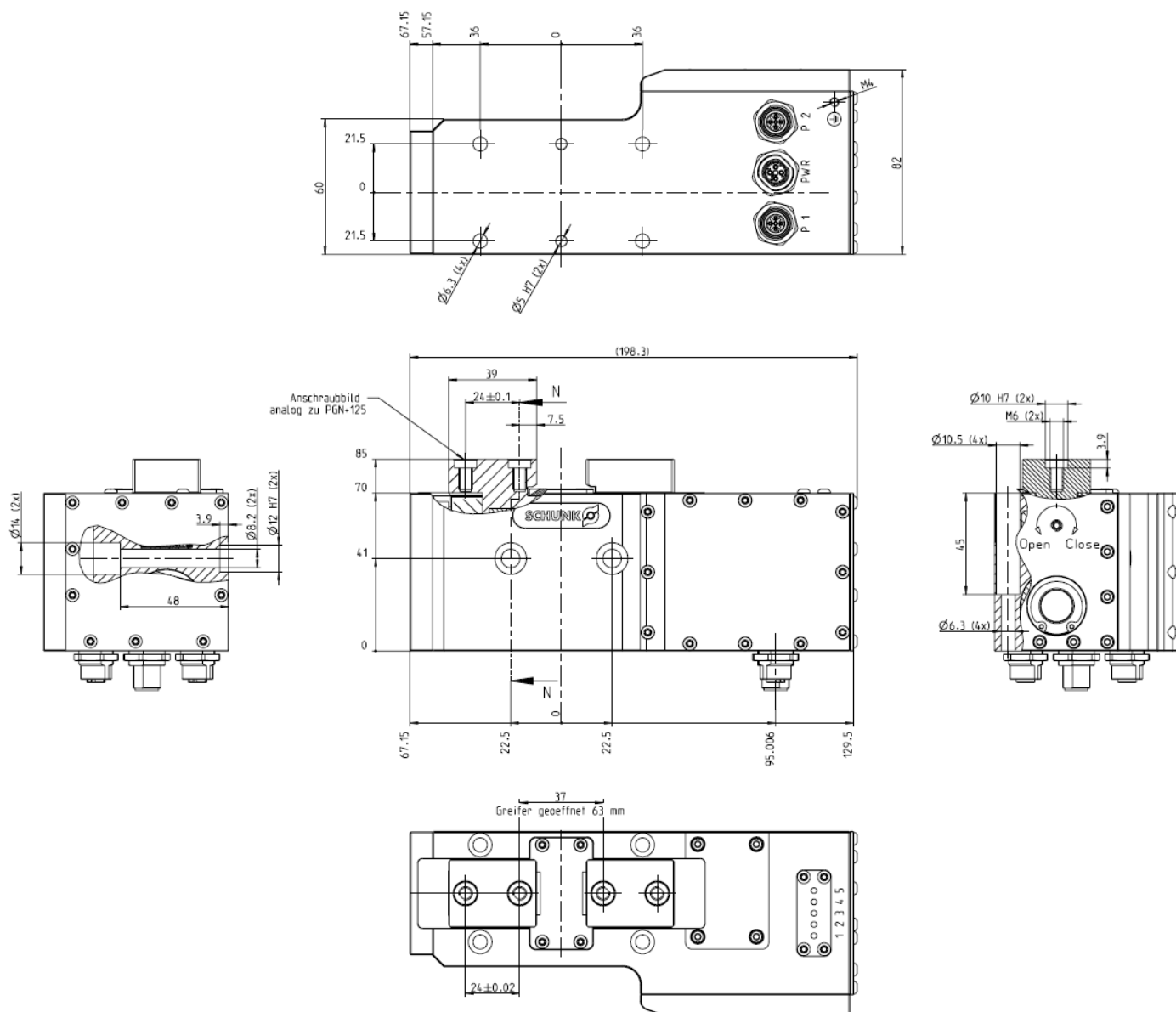
Special electrical gripper – sealed version

Technical data

Stroke per jaw:	13 mm
min. / max. gripping force:	700 / 4500 N*
recommended workpiece weight:	to 8 kg
max. allowed fingerlength:	200mm*
repeat accuracy:	0,01 mm
closing/opening time:	1,29 s / 1,34 s
max. speed:	22 mm/s
max. acceleration:	600 mm/s ²
weight:	2,8 kg
min. / max. ambient temperature:	5/55° C
Protection class IP:	Elektrik gekapselt IP65, Mechanik IP54
Nominal voltag:	24 VDC
Nominal current:	4,8 A
Communication interface:	PROFINET
Controler electronics:	integrated
Positioning sensor:	absolute encoder

*Gripping force depending on motor current, jaw speed und finger length. Gripping force diagrams are mandatory to observe.

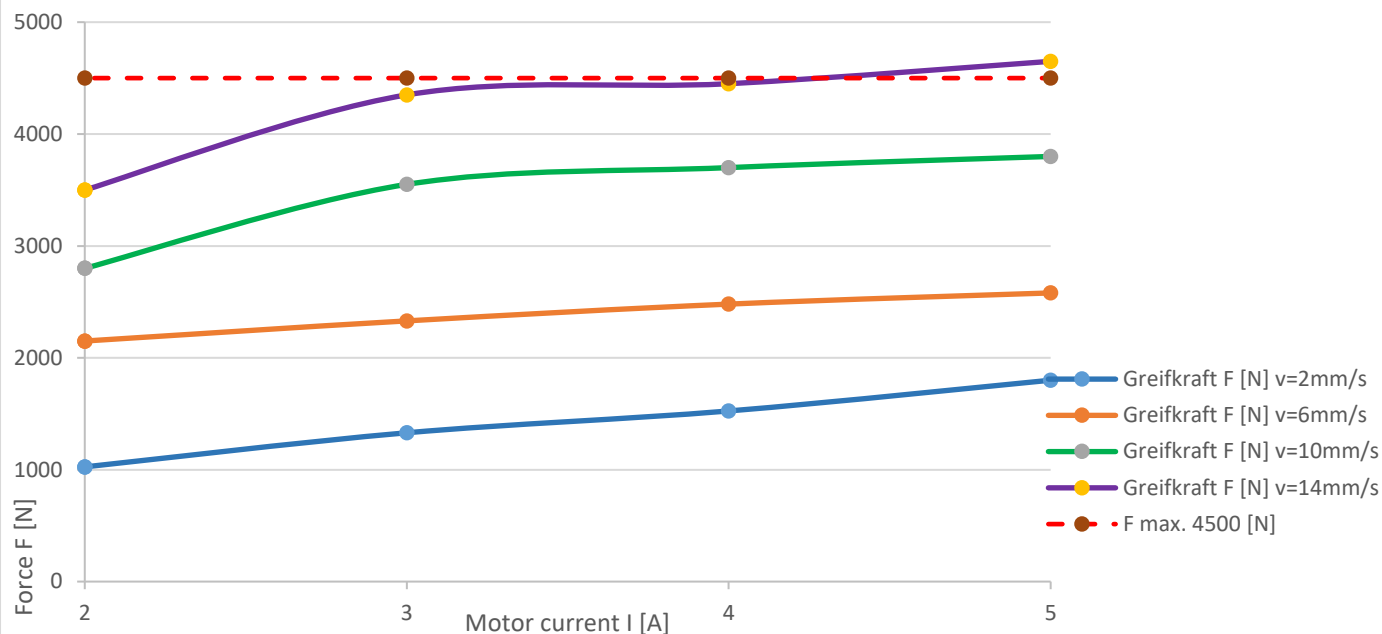
Talk to us about your individual requirement. You can reach the team Mechatronics by:
Hotline Mechatronics +49-7133-103-2992
Email mechatronics@de.schunk.com



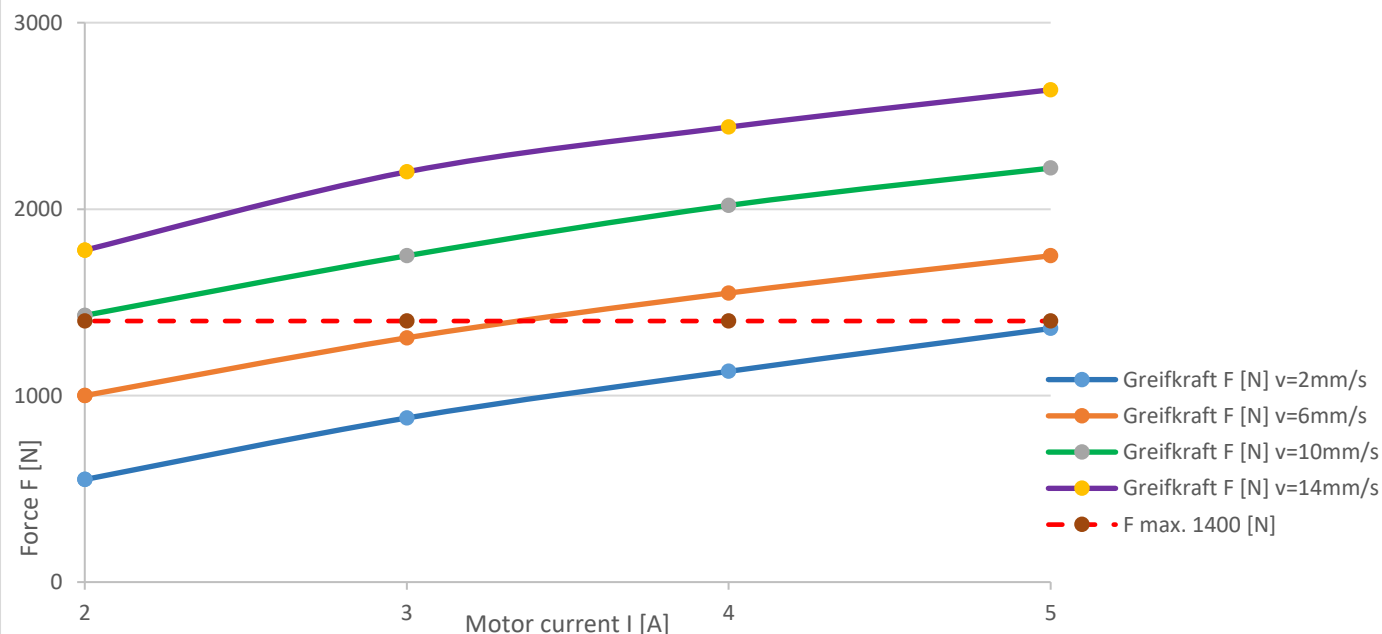
J. Lehmann

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schunk.com/Lehmann

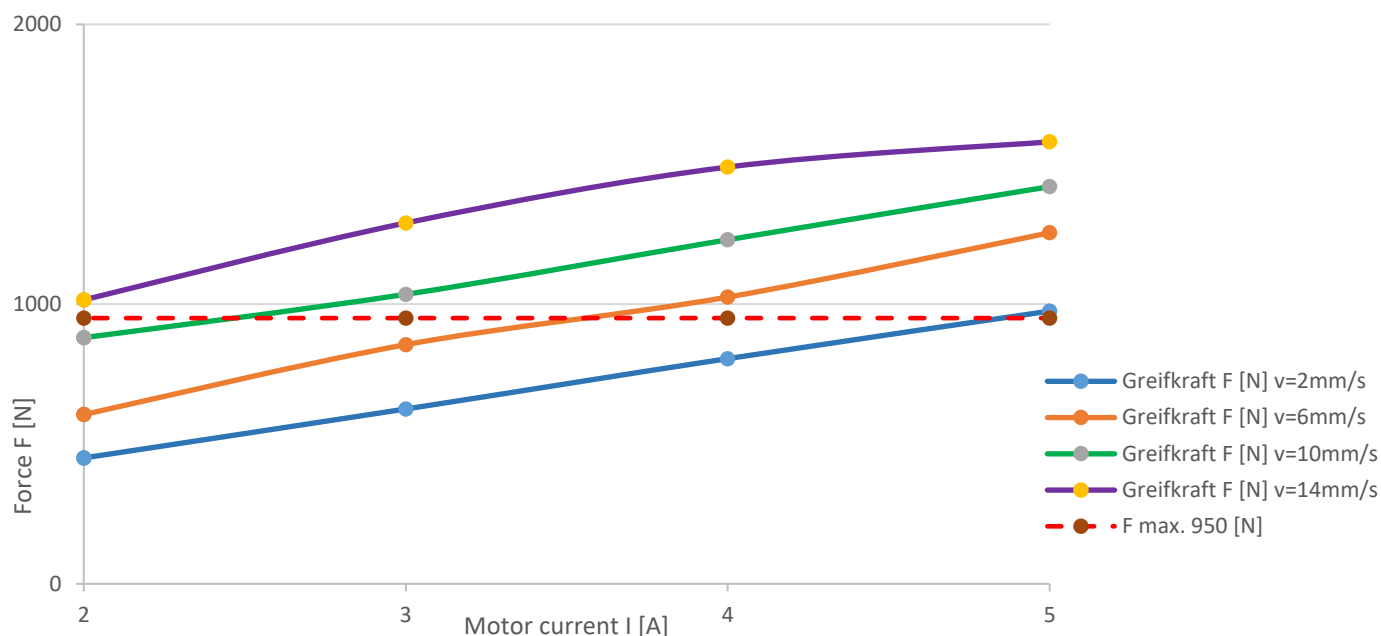
Gripping force 32 mm distance to base jaw depending on motor current and different jaw speed



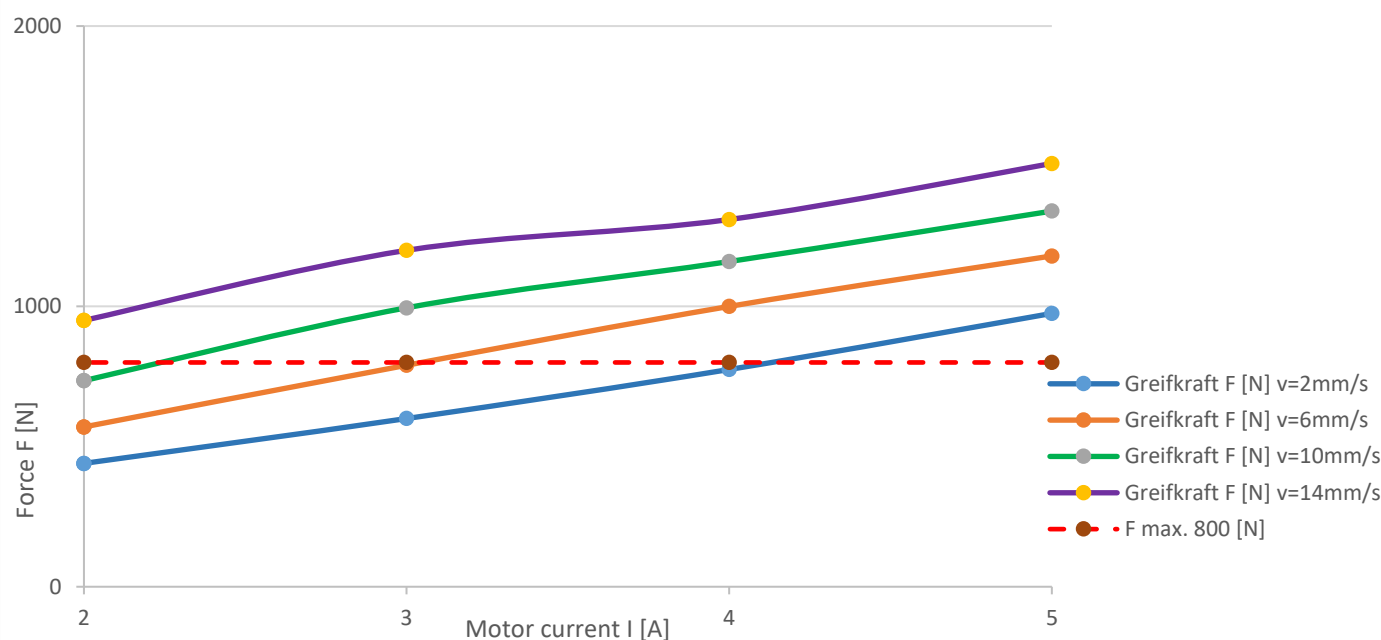
Gripping force 100 mm distance to base jaw depending on motor current and different jaw speed



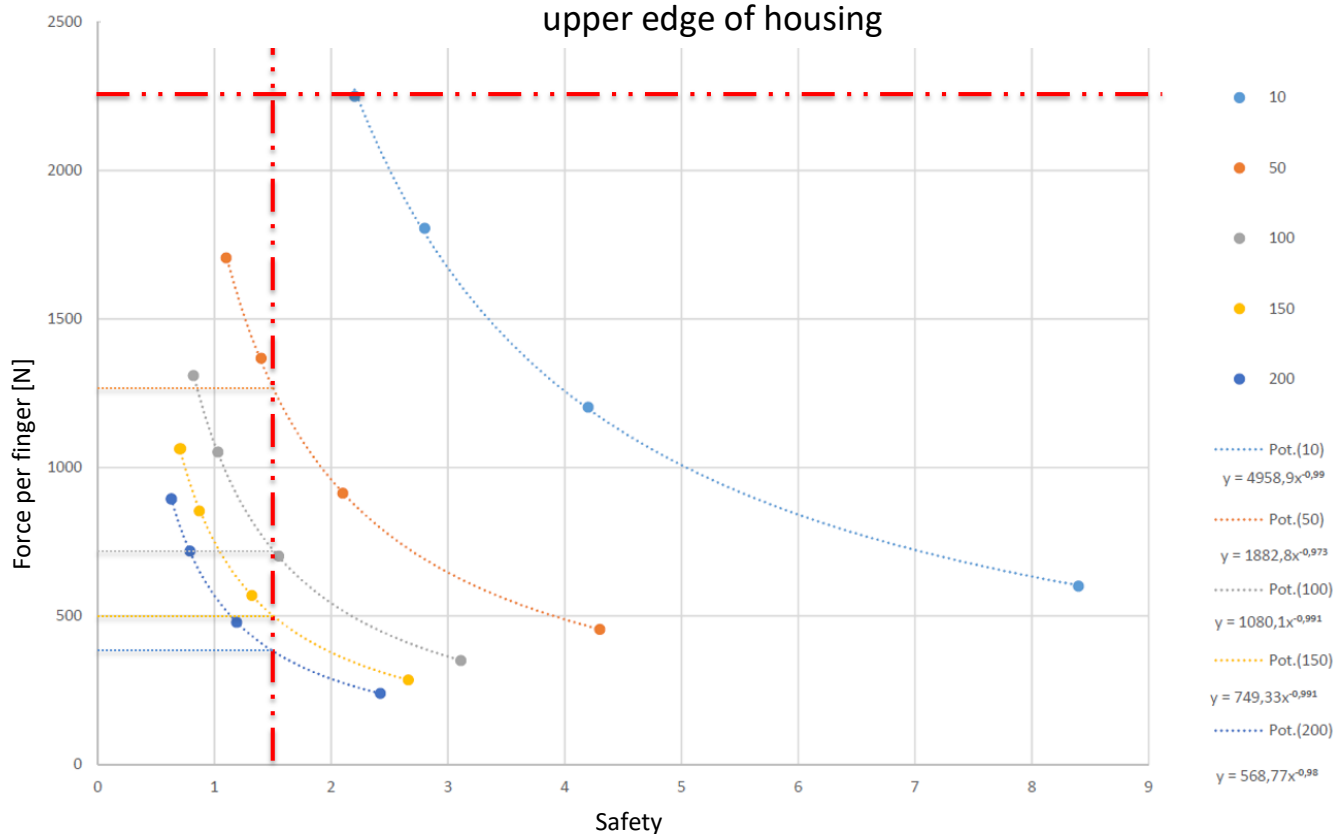
Gripping force 160 mm distance to base jaw depending on motor current and different jaw speed



Gripping force 160mm distance to base jaw depending on motor current and different jaw speed



Safety as a function of force per finger and distance gripping point from upper edge of housing



max. permissible gripping force depending on finger length (safety factor 1.5)

