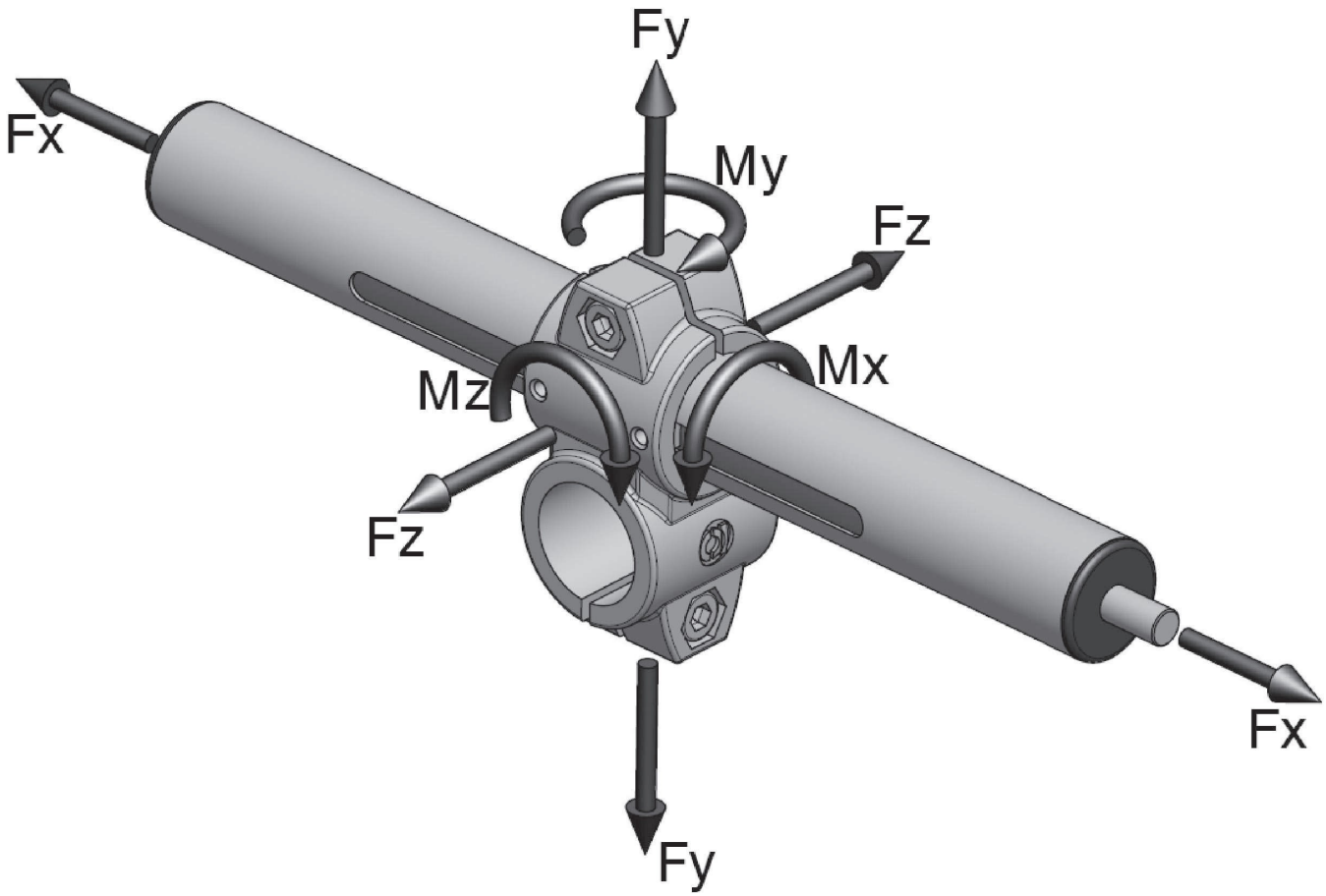
Belastungsdaten / *Load data*

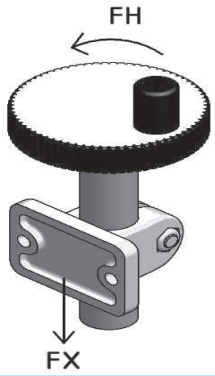


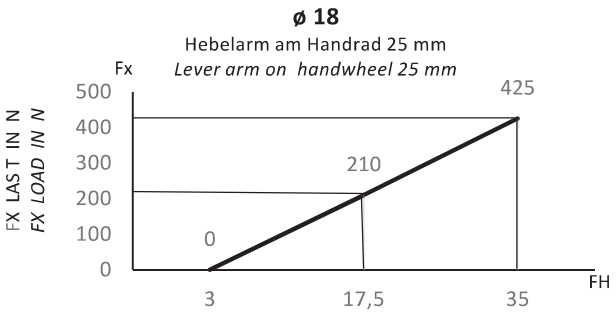
Belastungsdaten / *Load data*										
Nenndurchmesser *Nominal diameter*	Kraft **Fx** in **N** bei Lges = **500 mm** *Force **Fx** in **N** at total length = **500 mm***	Kraft **Fy** in **N** bei Lges = **500 mm** *Force **Fy** in **N** at total length = **500 mm***	Kraft **Fy** in **N** bei Lges = **1000 mm** *Force **Fy** in **N** at total length = **1000 mm***	Kraft **Fy** in **N** bei Lges = **1500 mm** *Force **Fy** in **N** at total length = **1500 mm***	Kraft **Fz** in **N** bei Lges = **500 mm** *Force **Fz** in **N** at total length = **500 mm***	Kraft **Fz** in **N** bei Lges = **1000 mm** *Force **Fz** in **N** at total length = **1000 mm***	Kraft **Fz** in **N** bei Lges = **1500 mm** *Force **Fz** in **N** at total length = **1500 mm***	Moment **Mx** in **Nm** *Moment **Mx** in **Nm***	Moment **My** in **Nm** *Moment **My** in **Nm***	Moment **Mz** in **Nm** *Moment **Mz** in **Nm***
18	400	80	15	-	65	10	-	1,5	4,5	4,5
30	850	500	70	15	550	55	10	6,5	15	15
40	1100	2150	250	65	1900	150	50	15	42	42
50	1750	3100	650	150	3100	650	150	29	69	69
60	2600	4550	1500	400	4550	1400	350	45	125	125

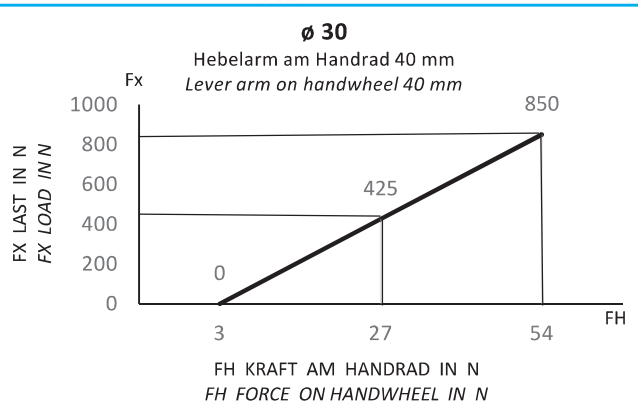
2 Betätigungskräfte am Handrad* (FH)
Actuating forces at hand wheel (FH)*

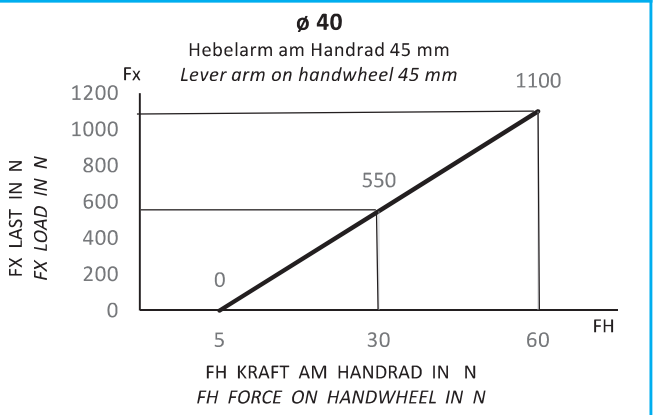
ermittelt bei mittigen Lastangriff am jeweiligen Schlitten / Schlitten ohne Gleitbuchse / Führungsrohre verchromt

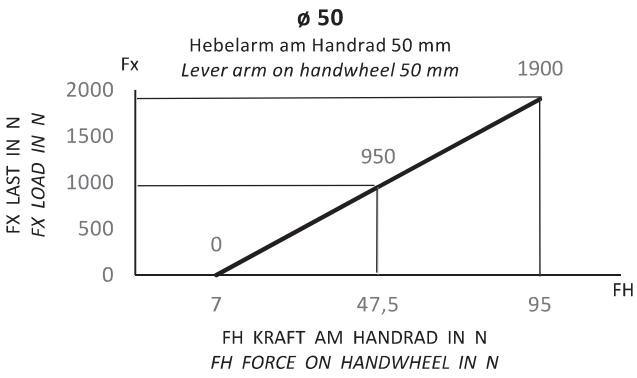
determined at central load application on each guide element / guide element without sliding bush / guide tubes chromed

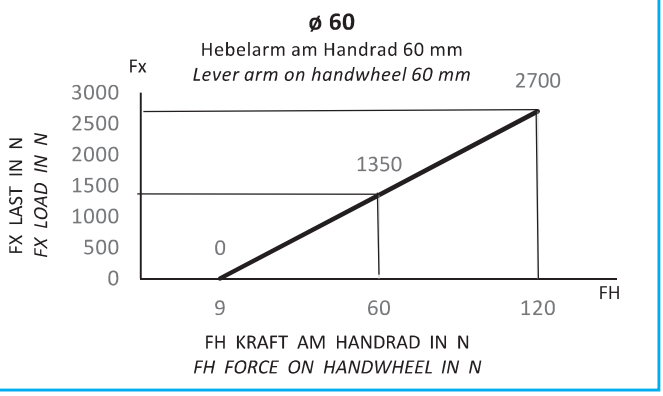












Hinweis: In obigen Schaubildern sind unverbindliche ca. Werte für die jeweiligen Betätigungskräfte am Handrad angegeben. Ursachen für Abweichnungen können auftreten durch: • Schmierzustand von Gewindespindel / Schlitten, • Toleranzpaarungen von Führungsrohr / Schlittenbohrungen, • eingestelltes Laufspiel, • außermittigen Lastangriff
* (unverbindliche Richtwerte ohne Gewähr)

*Note: In the above charts, non-binding approximate values for the respective actuating forces at the handwheel are indicated. Causes of deviations may be caused by: • lubrication condition of the threaded spindle / guide element, • tolerance pairs of guide tube / slide holes, • adjusted running clearance, • eccentric load application
* (non-binding guidelines without guarantee)*