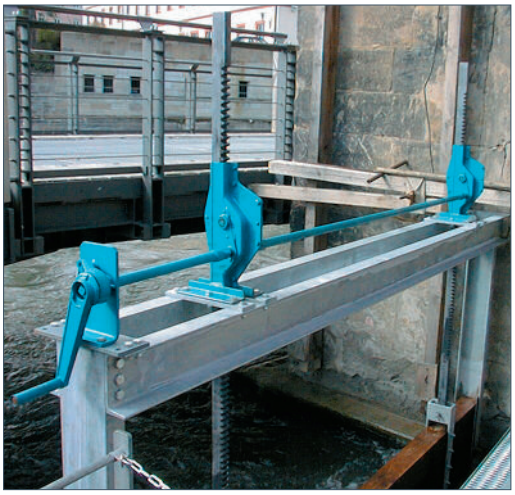
SCH-W
Sluise gate jack

Capacity 1500 - 10000 kg

The reliable sluice gate jack for opening and closing gates in sluices.

Features

- The spring loaded safety crank permanently holds the sluice gate closed with pressure.
- Hardened gearing parts and precisely machined teeth-ing for improved handling and low wear.





Technical data SCH-W Sifeku

Model	Art.-No. **Sifeku**	Tensile or pressure load[1] kg	Rack length mm	Lift mm	Hand effort at WLL daN	Weight kg
SCH-W 15	40051714	1500	1200	800	28	18
SCH-W 30	40051717	3000	1250	800	28	23
SCH-W 50	40051720	5000	1350	900	28	32

[1]The pressure force is reduced with a larger lift (loading case II to Euler)

Technical data SCH-W Siku

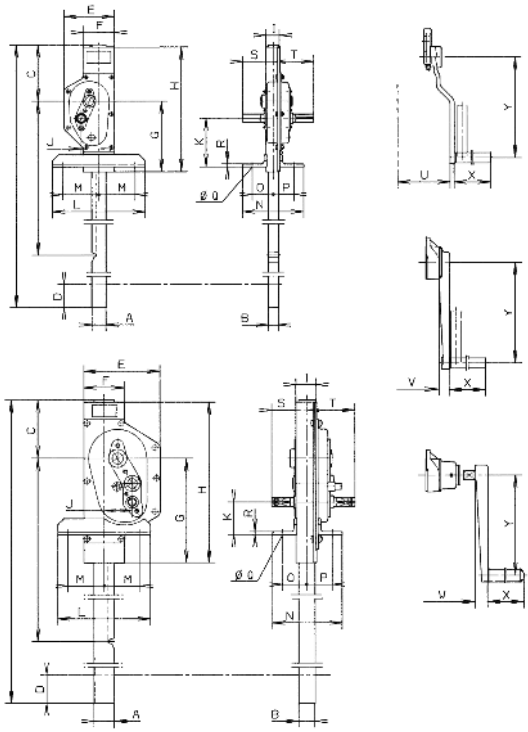
Model	Art.-No. **Siku**	Tensile or pressure load[1] kg	Rack length mm	Lift mm	Hand effort at WLL daN	Weight kg
SCH-W 100	40051722	10000	1550	1000	40	56

INFO

Please fill in the questionnaire on the next page for sluice gate jack systems.

Dimensions SCH-W

Model	SCH-W 15	SCHW-30	SCHW-50	SCH-W 100
A, mm	35	45	50	60
B, mm	25	30	40	50
C, mm	140	160	145	165
D, mm	85	60	45	65
E, mm	125	204	189	235
F, mm	78	92	100	112
G, mm	175	230	260	320
H, mm	310	395	400	480
I, mm	33.5	39.5	51	59
J, mm	43.3	53.1	69.5	88.3
K, mm	121	138	81	84
L, mm	230	230	230	290
M, mm	90	90	90	115
N, mm	153	158	173	183
O, mm	52.5	55	61	66
P, mm	52.5	55	64	70
Ø Q, mm	14	14	14	14
R, mm	7	7	7	8
S, mm	76.5	85.5	88	100
T, mm	100.5	108.5	120	140
U, mm	113	121	132	185
V, mm	86	94	105	–
W, mm	136	144	155	–
X, mm	130	130	130	250
Y, mm	250	250	250	300



Technical questionnaire to identify a suitable sluice gate jack systems

Company: _____ Date: _____

Contact: _____ e-Mail: _____

Phone: _____ Fax: _____

☐ Manual drive

Manual operating force _____ kN

Sluice gate

Thickness _____ mm

Material

☐ Wood

☐ Steel

Weight _____ kg

Friction coefficient

☐ Steel/Wood

☐ Steel/Rubber

☐ Roller gate

☐ Motor drive with manual emergency drive

Lifting speed ☐ Standard

_____ m/min

Operating voltage _____ V

_____ Hz

☐ 230/400 V, 50 Hz three-phase current

Motor rating

Load cycles per hour _____

Lift per load cycle _____

Surrounding temperature _____

Remark

_____

Quantity

_____

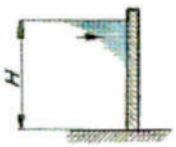
Accessories

☐ Lifting motion limitation

☐ Electrical cut-out by safety clutch

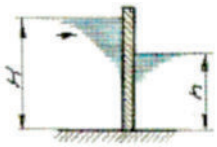
☐ Auma rotary drive

Indicate local conditions and water levels



H = _____

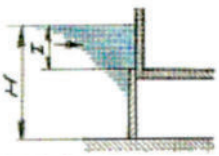
☐ without water below



H = _____

h = _____

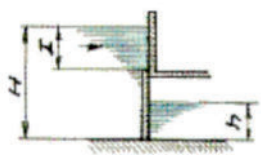
☐ with water below



H = _____

l = _____

☐ completely in water above

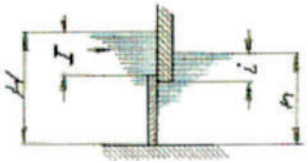


H = _____

l = _____

h = _____

☐ completely in water above, partly in water below



H = _____

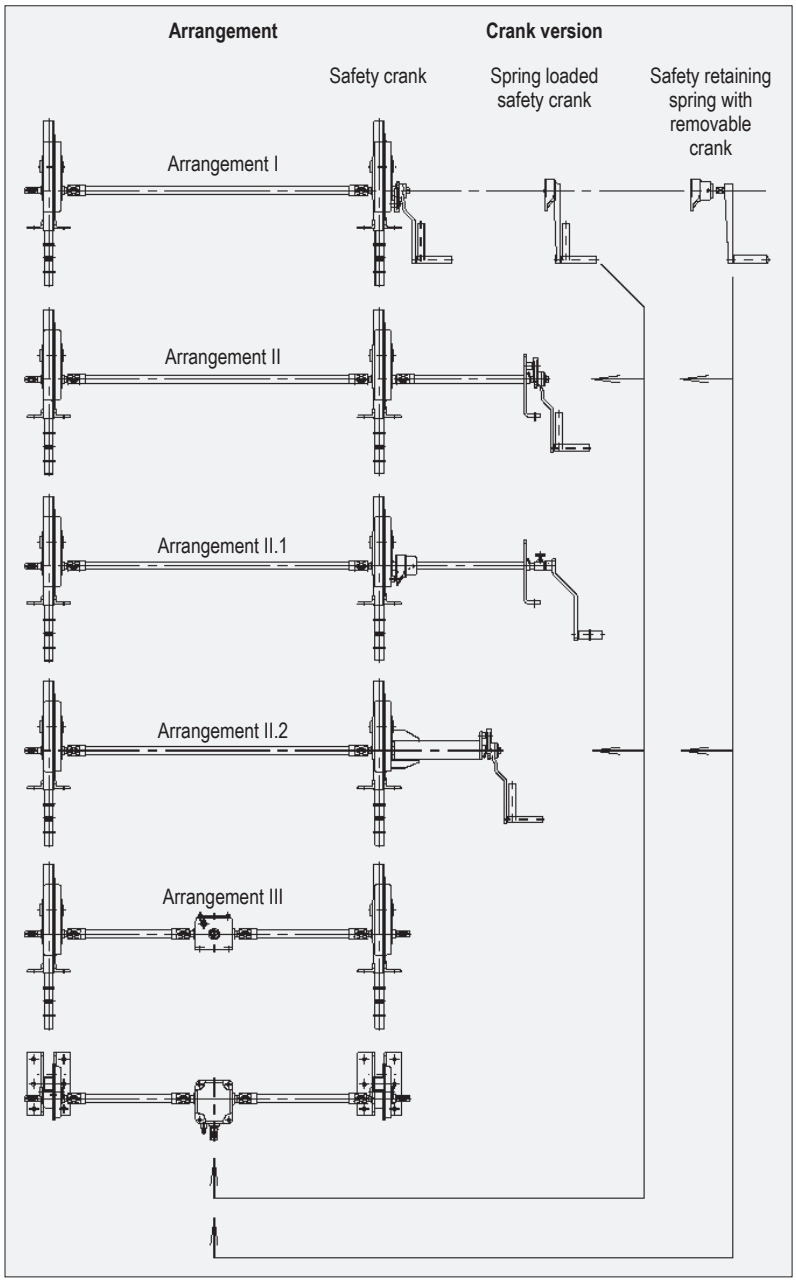
l = _____

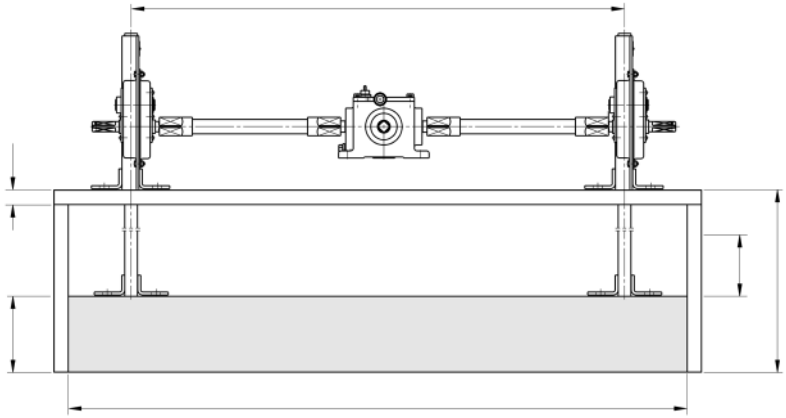
h = _____

i = _____

☐ completely in water above and in water below

Technical questionnaire to identify a suitable sluice gate jack systems





Arrangement

Crank version

(Retaining springs not possible for 10 t model)

Date

Name

Application