

Stafsjö's standard manual actuators



Hand wheel

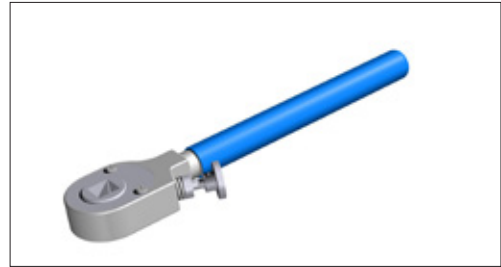
Stafsjö's hand wheel is robust and equipped with a spinner knob for easy manoeuvring. It can also be supplied with a locking device on request.

The hand wheel is supplied in coated cast iron EN-JL1040/ GG25 for sizes Ø 200 - Ø 315 and EN-JL1030/ GG20 for Ø 400 - Ø 635. For recommended hand wheel sizes, please see data sheet for each valve type.



Ratchet wrench

Stafsjö's ratchet wrench is designed to be used in applications where there are limited space to open/close the valve. By only using a limited angle at the top of the valve stem, the valve can be opened and closed. The ratchet wrench operates in both directions by a simple turn of the pin on the wrench side. The ratchet wrench is 200 mm long and it is supplied in stainless steel EN 1.4408. It can be used on knife gate valves MV, TV and the WB series in sizes DN 50 – DN 150.



Hand lever

Stafsjö's hand lever is designed for small valves that need to be opened or closed quickly in one movement. The hand lever is available in different versions depending on the valve type. Please contact Stafsjö for further information.



Chain wheel

Stafsjö's chain wheel is supplied in coated cast iron EN-JL1030/ GG20. It also comes with a chain guide that keeps the chain in place around the chain wheel, which is supplied in steel EN 1.0045. The chain wheel is designed for a chain type SMS 1507, 5,5 mm. Chain can be supplied on request.



Recommended chain wheel sizes (mm)

Chain wheel size (Ø)	MV sizes	HG sizes	WB sizes	XV sizes
225	DN 50 - DN 150	DN 80 - DN 150	DN 80 - DN 150	DN 80 - DN 150
320	DN 200 - DN 300	DN 200 - DN 250	DN 200 - DN 300	DN 200 - DN 300
435	DN 350 - DN 400	DN 300 - DN 350	DN 350 - DN 400	

Bevel gear

Stafsjö's knife gate valves can be supplied with bevel gear box type GK 10.2 and GK 14.2 from AUMA. Rising stem with attachment A is standard, but attachment B3 with non-rising stem can also be supplied on request. Further information on the bevel gear is available on www.auma.com.



Basic data

AUMA bevel gear box				
Type	Reduction ratio	Hand wheel Ø	Valve attachment ISO 5210	Weight in kg
GK 10.2	2:1	315	F 10/A	8,5
GK 14.2	2.8:1	315/400	F 14/A	15

Recommended bevel gear box sizes to Stafsjös knife gate valves			
AUMA type	Knife gate valves: MV, MP, WB, WB11, WB12, WB14 and XV	Knife gate valves: HL, HG, HP and HPT	Knife gate valves: SLV and SLF
GK 10.2	DN 50 - DN 400	DN 80 - DN 350	DN 50 - DN 300
GK 14.2	DN 450 - DN 1000	DN 400 - DN 800	DN 350 - DN 600

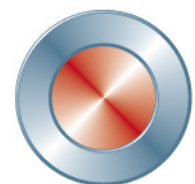
The table above gives recommended sizes at normal operation. For other operating conditions, please contact Stafsjö or your local representative for advice.

Further information is available on www.stafsjo.com



Globally active. Locally represented.

AFRICA South Africa: Valve & Automation (Pty) Ltd, ASIA China: EBRO ARMATUREN (BEIJING) CO., LTD, India: Ebro Armaturen India Pvt. Ltd, Indonesia: Contromatic Prima Mandiri PT, Japan: SKC Co. Ltd, Malaysia: Precision Control SdnBnd, Philippines: EBRO ARMATUREN (PHILIPPINES) INC., Thailand: EBRO VALVES (Trading) Co. Ltd., Vietnam: EBRO VALVES (Thailand) Co., Ltd, AUSTRALIA/OCEANIA Australia: EBRO ARMATUREN Pacific PTY. LTD, New Zealand: H.J.Asmuss&Co.Ltd EUROPE Austria: EBRO ARMATUREN GmbH, Belgium: V.C.T. - Valve & Connector Technology n.v., Denmark: Valtor Industri A/S, Finland: Tecalemit Flow Oy, France: EBRO ARMATUREN, Germany: EBRO ARMATUREN Gebr. Bröer GmbH, Great Britain: EBRO Valves Ltd, Hungary: EBRO ARMATUREN Kft, Ireland: ESI Technologies Ltd., Iceland: Hédinn HF, Italy: EBRO VALVOLE SRL, The Netherlands: EBRO VALVES B.V., Norway: BAGGES AS, Poland: EBRO ARMATUREN GmbH, Portugal: AxFlow Comércio de Equipamentos LDA, Russia and Belarus: EBRO ARMATUREN and LesBumMash Ltd, Spain: EBRO ARMATUREN ESPAÑA, S.L., Switzerland: EBRO Armaturen Est. & Co. KG, Sweden: Stafsjö Valves AB and Ahlsell Sverige AB, Turkey: EBRO ARMATUREN Otomasyon Sistemleri San ve Tic Ltd. Sti, Ukraine: EBRO ARMATUREN GmbH Representative office Kiev NORTH AMERICA Canada: Armour Valve Ltd, USA: EBRO ARMATUREN USA Inc. SOUTH AMERICA Argentina: ESCO ARGENTINA S.A, Brazil: ELAN Equipamentos Industriais LTDA, Chile: Ebro Stafsjö Valves Chile Ltd For other countries, please contact us directly.



Stafsjö
SINCE 1666