

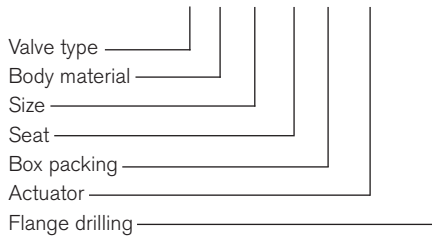
To specify a Stafsjö knife gate valve

Stafsjö's valves are modular designed and they can easily be customized with gate, seats and box packings according to media and requirements, as well for actuators and accessories. Material or parts that are not mentioned in the data sheet but are required by the user, please contact Stafsjö for consultation before order.

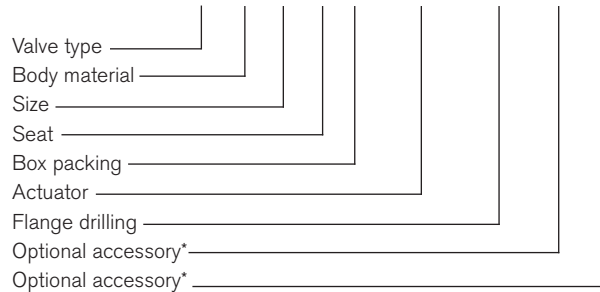
Below are examples of how to specify your Stafsjö valve.



MV-L-200-P-TY-HW-PN10



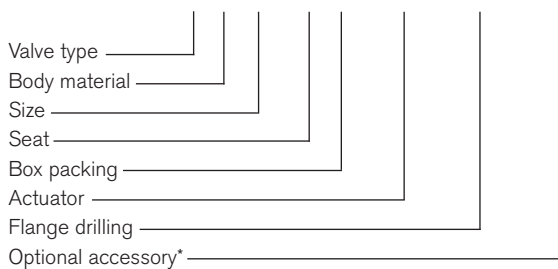
RKO-E-200-U-TY-EC200-PN10-SV-ILS



* SV: Stafsjö standard 220/230 V AC

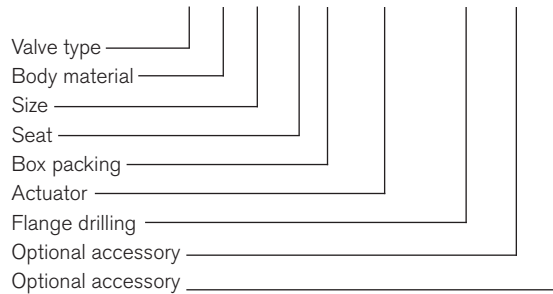
* ILS: Stafsjö standard 20-250V AC/DC

MV-E-200-P-TY-EC160-PN10-MagLS



* MagLS: Stafsjö standard

SLV-L-100-E-TY-HWR-ANSI-SP-LDR



Valve specifications

Valve types

MV
TV
MP
XV
HL
HG
HP
HPT
HX
RKO
JTV
JT
D2G
SLV
SLF
SLH
SLX
WB
WB11
WB12
WB14
RKS

Valve body materials

A	Cast iron
L	Nodular/Ductile iron
C	Carbon steel
E	Stainless steel
D	Duplex stainless steel
T	Titanium
SMO	SMO254
H	Hastelloy

Seat materials

P	PTFE with o-ring Nitrile
PE	PTFE with o-ring EPDM
PV	PTFE with o-ring Viton
U	Polyurethane
US	Polyurethane with a scraper
E	EPDM
N	Nitrile
NR	Natural rubber
V	Viton
M	Metal with o-ring Nitrile (Brass on the RKS valve)
MV	Metal with o-ring Viton
MHT	Metal with grafoil tape
TFM	TFM 1600 (FDA approved)

Gland box packings

TY	TwinPack
TYS	TwinPack with a UHMW-PE scraper
TYPS	TwinPack with PTFE scraper
WP	WhitePack
TF	PTFE
TG	Graphite

Actuators

ECXXX	Double-acting pneumatic cylinder type EC in size XXX (100, 125, 160, 200). Magnetic piston is standard.
ECMXXX	Double-acting pneumatic cylinder type EC with a magnetic piston in size XXX (250, 320 or 400)
ECSXXX-O	Single-acting pneumatic cylinder type EC in size XXX (100, 125, 160, 200) with spring return to <u>open</u> the valve
ECSXXX-C	Single-acting pneumatic cylinder type EC in size XXX (100, 125, 160, 200) with spring return to <u>close</u> the valve.
EM	Electrical actuator for open-close duty with rising stem. Brand, size and voltage must be specified if it is not Stafsjö standard. Any module must be specified.
EMR	Electrical actuator for modulating duty with rising stem. Brand, size and voltage must be specified if it is not Stafsjö standard. Any module must be specified.
HC	Double-acting hydraulic cylinder. Brand and dimension must be specified if it is not Stafsjö standard.
HW	Hand wheel with non-rising stem
HWR	Hand wheel with <u>rising</u> stem
CW	Chain wheel
HL	Hand lever

Flange drillings

PN10	EN 1092 PN10
PN16	EN 1092 PN16
JIS	JIS B 2238 10K
ANSI	ANSI/ASME B16.5 Class 150 and/or ANSI B16.47 Class 150, serie A
BS	BS 10 table D
ASD	AS 2129 Table D
ASE	AS 2129 Table E

For the XV valve, specify also the valve body type: fully lugged (FL) or semi lugged (SL)

Standard accessories

All of Stafsjö's standard accessories are described from p. 173 or in the document "Stafsjö's standard accessories" (acc_ACCESSORIES)

SV	Solenoid valve. Make a note if should be supplied for 24 V DC, 110 V AC or 220/230 V AC.
MagLS	Magnetic limit switches
ILS	Inductive limit switch. Make a note if it should be for 20 - 250 V AC/DC or 10 - 36 V DC.
MLS	Mechanical limit switch
JB	Junction box
POS	Positioner. Brand and type must be specified.
FSAT	Fail-safe solution with air accumulator tank
PP	Purge ports
DG	Double gland
VP	V-port
DC	Deflection cone
SP	Stem and piston rod protection

BC	Bottom cover
LD	Locking device/pin
LDR	Load distribution rings assembled on the valve
LDRL	Loose load distribution rings assembled on the valve
SEL	Stem extension long
SES	Stem extension short
PSS	Pillars in stainless steel
TAG	Tag plate
2.2	2.2 certificate
3.1	3.1 certificate

If required gate material or surface treatment differ from standard, it must be specified. Please see below.

HCR	Harchromed surface
1.4301	Stainless steel EN 1.4301/AISI 304
1.4404	Stainless steel EN 1.4404/AISI 316L
FAL	Duplex stainless steel EN 1.4462/S32205