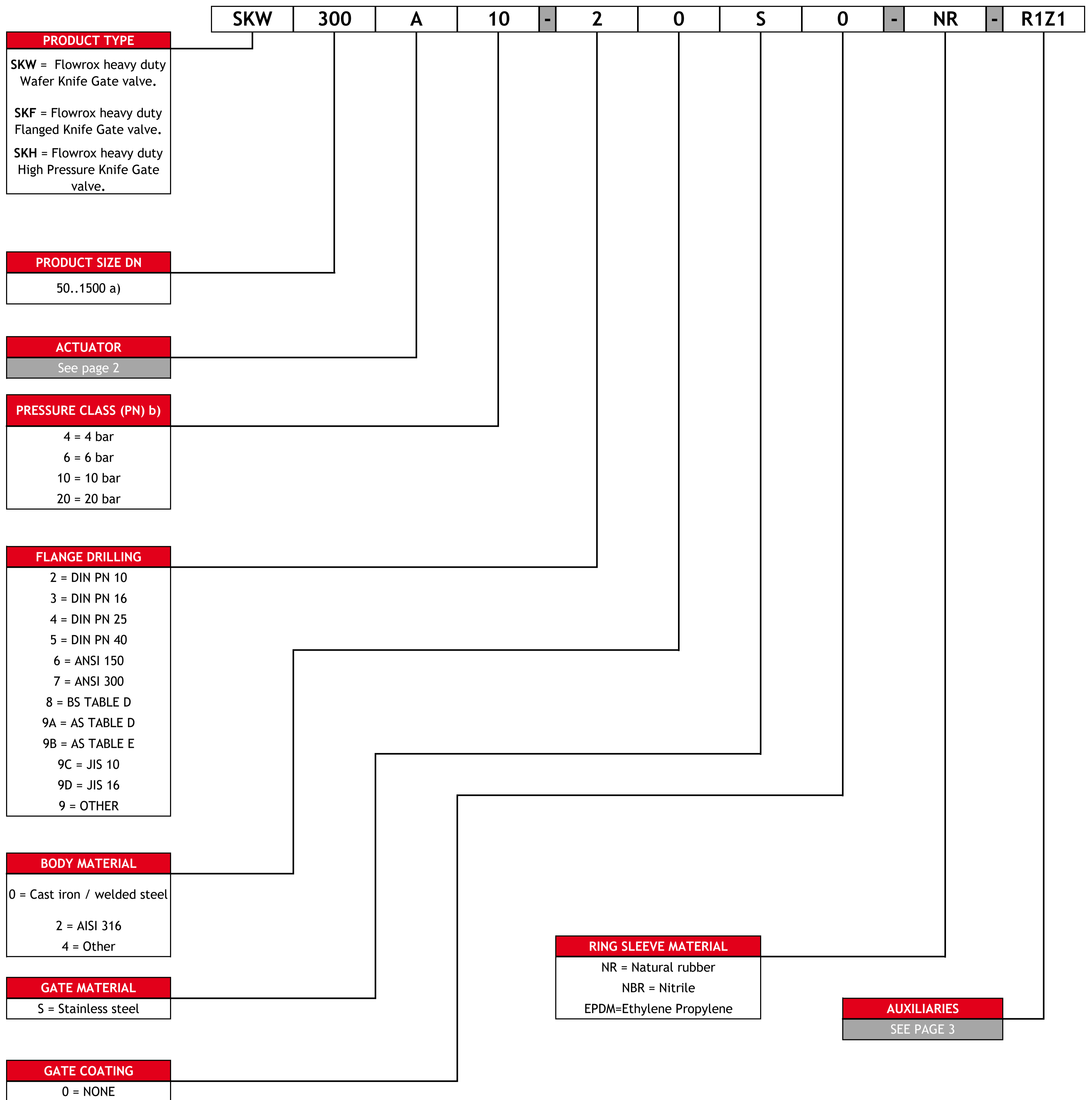


FLOWROX KNIFE GATE VALVE MODEL SELECTION GUIDE



a)
 SKF: DN80-1500
 SKH: DN80-600
 SKW: DN50-600

b)
 4 bar: SKF DN1350-1500
 6 bar: SKF DN1000-1200
 10 bar: SKF DN80-900
 10 bar: SKW DN50-600
 20 bar: SKH DN80-600

KNIFE GATE VALVE ACTUATORS

AU1C PNEUMATIC			EB ELECTRIC		H HYDRAULIC	MG MANUAL
CYLINDER	MANUAL OVERRIDE	FAIL OPTIONS	TYPE	VOLTAGE RANGE	TYPE	TYPE
A= Pneumatic cylinder	BLANK=NONE	BLANK=NONE	E = Electric On-Off AUMA Norm	BLANK= 400V/50hz	H = Hydraulic	M = Manual handwheel
A1S = Pneumatic with stainless piston rod, tie rods and painted cylinder	B = Manual override	U2C= With pneumatic spring (Pressure switch) FAIL CLOSE	EP = Electric On-Off with feedback unit EWG 01.1, AUMA	B = 380V/50hz		MG = manual with bevel gear
A2S = Pneumatic "Stainless" no painting		VC = With mechanical spring FAIL CLOSE a)	ES = Electric On-Off AUMA-Matic	C = 440V/50hz		
		VO = With mechanical spring FAIL OPEN a)	EL = Electric On/Off	D = 525V/50hz		
				E = 460V/60hz		

a) Not available on all sizes. Contact Flowrox.

KNIFE GATE VALVE AUXILIARIES

MARKING	DESCRIPTION	EXTRA INFO	APPLICABLE ACTUATOR
B	Pressure Booster in air supply	Pressure booster determined by Flowrox, used to increase the supply air pressure to secure enough force for pneumatic cylinder.	PNEUMATIC
F	Filter Regulator + gauge	Filter Regulator + Gauge Flowrox selected model.	PNEUMATIC
G	Gate guard		ANY
H	Hydraulic Handpump (For Hydraulic only)	Manual hydraulic handpump for hydraulic actuators H only	HYDRAULIC
J1	Junction box small (Flowrox Standard)	Junction box small, for limit switches or solenoid valve, IP66, plastic, 2 pcs M12x1.5 and 1 pc M20x1.5, pre-wired.	ANY
J2	Junction box large (Flowrox Standard)	Junction box large, for limit switches and solenoid valve, IP66, plastic, 4 pcs M12x1.5 and 1 pc M20x1.5, pre-wired.	ANY
J4	Junction Box (Non-Standard)	Junction box out of Flowrox standard scope specification clarified on the proposal and under valve serial number.	ANY
R	Readiness for ind. Limit switches	Readiness for d18mm inductive limit switches.	ANY
R1	AC/DC (18mm cylindrical switch) (Flowrox Standard)	AC/DC, 2-wire type, (24...240VAC / 24...240VDC) Flowrox selected model	ANY
R2	DC, NPN (18mm cylindrical switch) (Flowrox Standard)	DC, 3-wire type, PNP (12...24V) Flowrox selected model	ANY
R3	DC, NPN (18mm cylindrical switch)(Flowrox Standard)	DC, 3-wire type, NPN (12...24V) Flowrox selected model	ANY
R5	Limit switch (Non-Standard)	Limit switch out of Flowrox standard scope specification clarified on the proposal and under valve serial number.	ANY
S	Magnetic limit switches (Flowrox Standard)	Magnetic limit switches, attached to aluminium pneumatic cylinder actuators. Cylinder fitted with magnetic piston.	PNEUMATIC
T	Mechan. Limit switches (Flowrox Standard)	Mechanical limit switches Flowrox selected model	ANY
Z1	Solenoid valve, 24VDC, Monostable (Flowrox Standard)	Solenoid valve 24 VDC (for pneumatic actuator) with necessary tubing Flowrox selected model, monostable (Single coil) .	PNEUMATIC
Z1B	Solenoid valve, 24VDC, Bistable (Flowrox Standard)	Solenoid valve 24 VDC (for pneumatic actuator) with necessary tubing Flowrox selected model, Bistable (Double coil) .	PNEUMATIC
Z2	Solenoid valve, 230V, 50/60Hz, Monostable (Flowrox Standard)	Solenoid valve 230V - 50/60Hz (for pneumatic actuator) with necessary tubing Flowrox selected model, monostable (Single coil) .	PNEUMATIC
Z2B	Solenoid valve, 230V, 50/60H, Bistable (Flowrox Standard)	Solenoid valve 230V - 50/60Hz (for pneumatic actuator) with necessary tubing Flowrox selected model, Bistable (Double coil) .	PNEUMATIC
Z3	Solenoid valve, 110V, 50/60Hz, Monostable (Flowrox Standard)	Solenoid valve 110V, 50/60Hz (for pneumatic actuator) with necessary tubing Flowrox selected model, monostable (Single coil) .	PNEUMATIC
Z3B	Solenoid valve, 110V, 50/60Hz, Bistable (Flowrox Standard)	Solenoid valve 110V, 50/60Hz (for pneumatic actuator) with necessary tubing Flowrox selected model Bistable (Double coil) .	PNEUMATIC
Z5	Solenoid valve, 24VDC, Monostable (Non-Standard)	24 VDC monostable (Single coil) solenoid valve out of Flowrox standard scope specification clarified on the proposal and under valve serial number.	PNEUMATIC
Z5B	Solenoid valve, 24VDC, Bistable (Non-Standard)	24 VDC Bistable (Double coil) solenoid valve out of Flowrox standard scope. To be specified on the proposal and under valve serial number.	PNEUMATIC
Z6	Solenoid valve, 230V, 50/60Hz, Monostable (Non-Standard)	230V 50/60Hz monostable (Single coil) solenoid valve out of Flowrox standard scope. To be specified on the proposal and under valve serial number.	PNEUMATIC
Z6B	Solenoid valve, 230V, 50/60H, Bistable (Non-Standard)	230V 50/60Hz Bistable (Double coil) solenoid valve out of Flowrox standard scope. To be specified on the proposal and under valve serial number.	PNEUMATIC
Z7	Solenoid valve, 110V, 50/60Hz, Monostable (Non-Standard)	110V 50/60Hz monostable (Single coil) solenoid valve out of Flowrox standard scope. To be specified on the proposal and under valve serial number.	PNEUMATIC
Z7B	Solenoid valve, 110V, 50/60Hz, Bistable (Non-Standard)	110V 50/60Hz Bistable (Double coil) solenoid valve out of Flowrox standard scope. To be specified on the proposal and under valve serial number.	PNEUMATIC
X	Must be specified	Additional auxiliary equipment not listed.	ANY