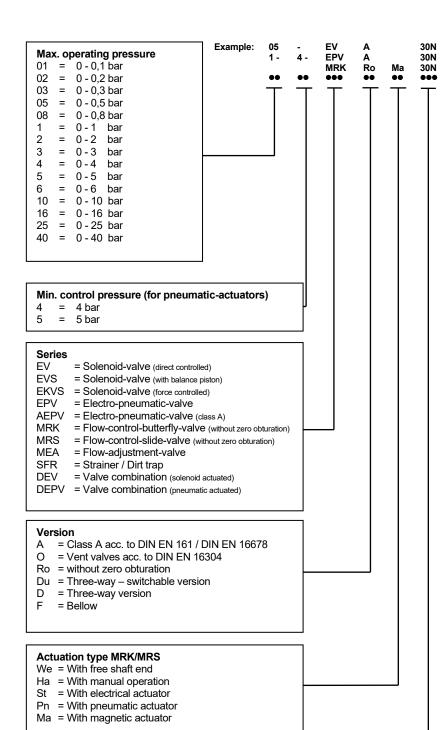
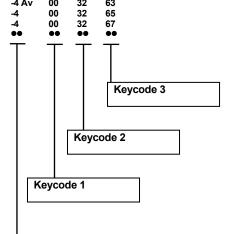
KEY TO TYPES





Flange version			Thread version		
Manuf. desig.	DIN	ASME	Manuf. desig.	G	NPT
5N(H) ¹⁾	DN 15	NPS 1/2	1	G 1/8	1/8 NPT
7N(H) ¹⁾	DN 20	NPS 3/4	2	G 1/4	1/4 NPT
10N(H) ¹⁾	DN 25	NPS 1	3	G 3/8	3/8 NPT
12N(H) ¹⁾	DN 32	NPS 1 1/4	5	G 1/2	1/2 NPT
15N(H) ¹⁾	DN 40	NPS 11/2	7	G 3/4	3/4 NPT
20N(H) ¹⁾	DN 50	NPS 2	10	G 1	1 NPT
25N(H) ¹⁾	DN 65	NPS 2 1/2	12	G 1 1/4	1 1/4 NPT
30N(H) ¹⁾	DN 80	NPS 3	15	G 1 1/2	1 1/2 NPT
100(H) ¹⁾	DN 100	NPS 4	20	G 2	2 NPT
125(H) ¹⁾	DN 125	NPS 5	25	G 2 1/2	2 1/2 NPT
150(H) ¹⁾	DN 150	NPS 6	30	G 3	3 NPT
200(H) ¹⁾	DN 200	NPS 8			
250(H) ¹⁾	DN 250	NPS 10			
300(H) ¹⁾	DN 300	NPS 12			
350	DN 350	NPS 14			
400	DN 400	NPS 16			



Order additions

2 = MRK, butterfly plate with limit stop

 -4 = Approval according to DIN EN 161 / DIN EN 16678 / DIN EN 16304 Compliant to Gas Appliance Regulation EU/2016/426,

or DIN EN ISO 23553-1

Av = Solenoid actuator with windings for pull-in and hold-in, valve controller type: TS..., RKS...

on or in the solenoid actuator

 Solenoid actuator with windings for pull-in and hold-in, valve controller type: RKS... separately

in the control cabinet

B = Manual actuation with hand lever
Bn = Emergency manual actuation
C = Valve body in angle shape
fr = Outdoor installation

G = Minimum flow setting
M = Main flow setting

MG2 = 2- Stage version, for basic and main flow

P = Degree of protection IP65
R = Valve / MRK normally open
Ü = Medium temperature above 120°C
Ü200 = MRK, medium temperature up to 200°C
Ü550 = MRK, medium temperature up to 550°C
Ü700 = MRK, medium temperature up to 700°C

W = Installation with horizontal actuator Xn = Solenoid actuator for Ex-Zone 2

Xme = Solenoid actuator for Ex-Zone 1 (encapsulated)

Xde = Solenoid actuator for Ex-Zone 1 and 21

(flameproof enclosed)
Z = hydraulic opening delay
Zs = hydraulic closing delay

Z2 = hydraulic opening / closing delay

KEYCODE 1 (2 DIGITS): 00 = VG / KR cast iron : sealing element NBR 01 = VG / KR bronze/brass : sealing element NBR 02 = VG / KR graphite cast iron : sealing element NBR 03 VG / KR cast steel : sealing element NBR 04 VG / KR stainless steel : sealing element NBR : sealing element FKM 05 VG / KR cast iron : sealing element FKM 06 VG / KR bronze/brass 07 = : sealing element FKM VG / KR graphite cast iron 80 : sealing element FKM VG / KR cast steel 09 = VG / KR stainless steel : sealing element FKM 10 = VG / KR cast iron : valve disk sealing PTFE 11 = VG / KR bronze/brass : valve disk sealing PTFE 12 = VG / KR graphite cast iron : valve disk sealing PTFE 13 = VG / KR cast steel : valve disk sealing PTFE 14 VG / KR stainless steel : valve disk sealing PTFE 15 VG / KR cast iron : valve disk sealing metal 16 VG / KR bronze/brass : valve disk sealing metal : valve disk sealing metal 17 = VG / KR graphite cast iron 18 = VG / KR cast steel : valve disk sealing metal 19 : valve disk sealing metal VG / KR stainless steel : sealing element EPDM 24 VG / KR cast iron 25 = : sealing element EPDM VG / KR bronze/brass 26 VG / KR graphite cast iron : sealing element EPDM 27 = VG / KR cast steel : sealing element EPDM 28 VG / KR stainless steel : sealing element EPDM

VG = valve body KR = butterfly plate

Cast iron 5.1301

Bronze/Brass CC491K/CW614N Graphite cast iron 5.3103/5.3104 Cast steel 1.0619N

Stainless steel 1.4408, 1.4301, 1.4571

NBR = Nitrile Butadiene Rubber FKM = Fluorkarbon-Kautschuk PTFE = Polytetrafluorethylen

EPDM = Ethylen-Propylen-Dien-Kautschuk

KEYCODE 2 (2 DIGITS):

29 = Internal parts stainless steel
30 = Butterfly plate nickel plated
31 = Free of non ferrous metals

32 = Connection flange acc. to DIN EN 1092-1 Form B (B1|B2)
33 = Connection flange acc. to ASME B16.5 RF (raised face)
34 = Connection flange acc. to DIN EN 1092-1 Form D (groove)
35 = Connection flange acc. to DIN EN 1092-1 Form F (tounge)

36 = Internal coating Wemaplast

38 (31 + 32)39 (31+32+36)41 = (32+36)43 = (31+33)44 = (31+33+36)46 = (33+36)48 (31+34+36)49 = (34+36)50 = (31+35+36)51 = (35+36)

59

52 = Connector acc. to DIN EN 175301-803 without LED 53 = Connector acc. to DIN EN 175301-803 with LED

Compressor unit type KPE... for pneumatic actuators

54 = Potentiometer for electrical actuators
 55 = Special butterfly plate for MRK
 56 = Position controller, input signal 4-20 mA
 57 = Position feedback, output signal 4-20 mA
 58 = Connector according to customers requirements

KEYCODE 3 (2 DIGITS):

60 = visual position indicator

61 = 1 mechanical limit switch for solenoid-valve with threaded connection

62 = 2 mechanical limit switches for solenoid-valve with threaded connection

63 = 1 mechanical limit switch for solenoid-valve with flanged connection

64 = 2 mechanical limit switches for solenoid-valve with flanged connection

65 = 1 mechanical limit switch for electro-pneumatic-valve with flanged / threaded connection

66 = 2 mechanical limit switches for electro-pneumatic-valve with flanged / threaded connection

67 = 1 mechanical limit switch for MRK / MRS

68 = 2 mechanical limit switches for MRK / MRS

69 = 1 mechanical limit switch, explosion-proof, for solenoid-valves with threaded connection

70 = 2 mechanical limit switches, explosion-proof, for solenoid-valves with threaded connection

71 = 1 mechanical limit switch, explosion-proof, for solenoid-valves with flanged connection

72 = 2 mechanical limit switches, explosion-proof, for solenoid-valves with flanged connection

73 = 1 mechanical limit switch, explosion-proof, for electro-pneumatic-valves with flanged / threaded connection

74 = 2 mechanical limit switches, explosion-proof, for electro-pneumatic-valves with flanged / threaded connection

75 = 1 mechanical limit switch, explosion-proof, for MRK / MRS

76 = 2 mechanical limit switches, explosion-proof, for MRK / MRS

77 = 1 inductive limit switch for solenoid-valves with threaded connection

78 = 2 inductive limit switches for solenoid-valves with threaded connection

79 = 1 inductive limit switch for solenoid-valves with flanged connection

80 = 2 inductive limit switches for solenoid-valves with flanged connection

81 = 1 inductive limit switch for electro-pneumatic-valves with threaded / flanged connection

82 = 2 inductive limit switches for electro-pneumatic-valves with threaded / flanged connection

83 = 1 inductive limit switch for MRK / MRS

84 = 2 inductive limit switches for MRK / MRS

90 = 1 inductive limit switch, manufacturer to customer requirements

91 = 2 inductive limit switches, manufacturer to customer requirements

92 = 1 mechanical limit switch for solenoid-valve and electro-pneumatic-valves, large type

93 = 2 mechanical limit switches for solenoid-valve and electro-pneumatic-valves, large type

94 = 1 limit switch, manufacturer to customer requirements

95 = 2 limit switches, manufacturer to customer requirements

96 = Emergency stop button on valve

99 = Version not covered by this type code