

STOP VALVE WITH PSL ACTUATOR zGLO



Body material	Nominal pressure	Nominal diameter	Max. temperature
A Grey cast iron	C 16 bar	DN 15-150	300°C
C Nodular cast iron	C 16 bar D 25 bar	DN 15-150	350°C



correspond to the pressure equipment directive 2014/68/UE marking CE for DN≥32

FEATURES

- leakproofness class - A acc. EN -12266 – 1 (TYPE 01)
- leakproofness class - IV acc. PN-EN 60534-4 (type 71)
- environment-friendly
- tests acc. EN - 12266 - 1
- flanges drilled according to EN 1092-2
- face-to-face dimension according to EN 558 series 1

APPLICATION *

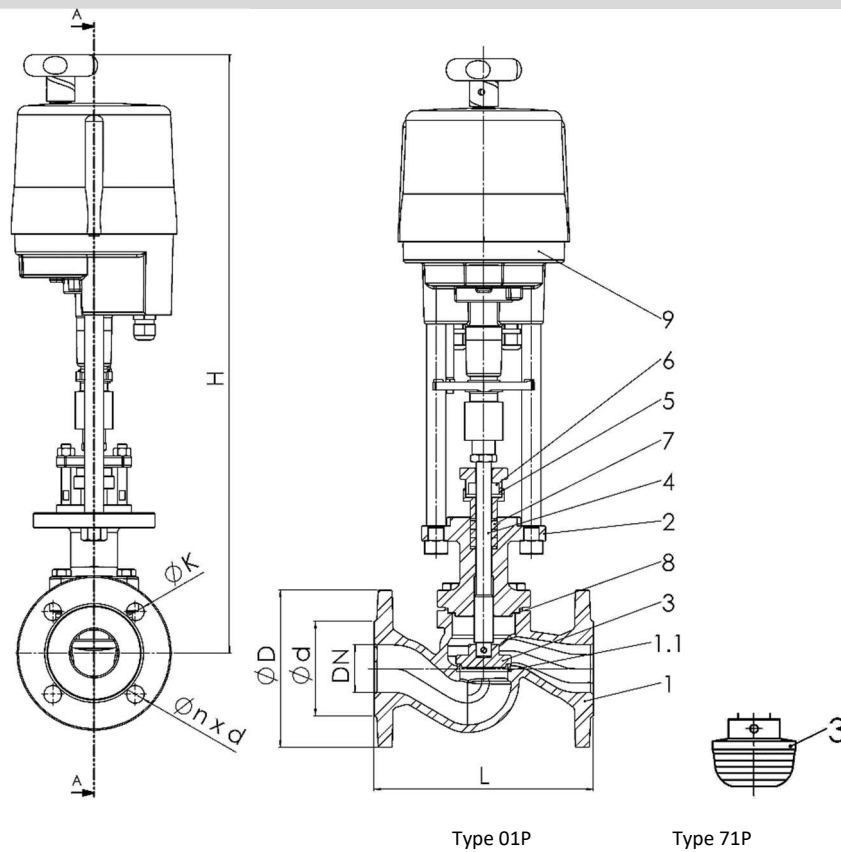
* not all of the applications are suitable for all of the executions

industries						
	INDUSTRY	SHIPBUILDING INDUSTRY	HEATING	REFRIGERATION AND AIR CONDITIONING		
media						
	GLYCOL	INDUSTRIAL WATER	DIATHERMIC OIL	STEAM	COMPRESSED AIR	NEUTRAL FLUIDS

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Edition 01/2018

MATERIALS, DIMENSIONS



	Body material	A	C
	Type	01P ; 71P	
1	Body	EN – GJL-250 5.1301 (ex. JL1040)	EN – GJS-400 – 18-LT 5.3103 (ex.JS1025)
1.1	Seat ring	X20Cr13 1.4021	
2	Bonnet	EN – GJL-250 5.1301 (ex. JL1040)	EN – GJS-400 – 18-LT 5.3103 (ex.JS1025)
3	Disc	X20Cr13 1.4021	
4	Stem	X20Cr13 1.4021	
5	Gland	GP240GH 1.0619 / P265GH 1.0425	
6	Disc spring	50HG	
7	Gland packing	Graphite	
8	Gasket	Graphite	
9	Actuator	PSL	
	Max. temperature	300°C	350°C

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Edition 01/2018

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DN	15	20	25	32	40	50	65	80	100	125	150
L (mm)	130	150	160	180	200	230	290	310	350	400	480
H (mm)											
PSL202 PSL202/AMS 2kN	591	591	592	606	620	629	647	664	710,5	724,5	746,5
PSL204 PSL204/AMS 4.5kN	---	---	592	606	620	629	647	664	710,5	724,5	746,5
PSL208 PSL208/AMS 8kN	---	---	---	---	660	669	687	704	750,5	764,5	786,5
PSL210 PSL210/AMS 10kN	---	---	---	---	---	669	687	704	750,5	764,5	786,5
PSL214 PSL214/AMS 14kN	---	---	---	---	---	---	751	768	814,5	828,5	850,5

PRESSURE-TEMPERATURE RATINGS

	PN		-10°C÷120°C	150°C	200°C	250°C	300°C	350°C
EN-GJL-250	16	bar	16	14,4	12,8	11,2	9,6	---
EN-GJS-400-18 LT	16		16	15,5	14,7	13,9	12,8	11,2
	25		25	24,3	23	21,8	20	17,5

MAX PERMISSIBLE CLOSING PRESSURES (on flow to open P2=0)

ACTUATOR	DN										
	15	20	25	32	40	50	65	80	100	125	150
PSL202 PSL202/AMS 2kN	25,0	24,0	17,9	11,2	8,9	5,5	3,6	2,5	1,7	1,1	0,8
PSL204 PSL204/AMS 4.5kN	---	---	25,0	25,0	20,0	12,4	8,2	5,8	4,0	2,5	1,8
PSL208 PSL208/AMS 8kN	---	---	---	---	25,0	22,1	14,6	10,3	7,1	4,4	3,2
PSL210 PSL210/AMS 10kN	---	---	---	---	---	25,0	18,2	12,9	8,8	5,5	4,0
PSL314 PSL314/AMS 14kN	---	---	---	---	---	---	25,0	18,1	12,4	7,8	5,7

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FLANGE DIMENSIONS ACC. PN-EN 1092-1/-2

DN		15	20	25	32	40	50	65	80	100	125	150
PN16	D (mm)	95	105	115	140	150	165	185	200	220	250	285
	K (mm)	65	75	85	100	110	125	145	160	180	210	240
	nxd (mm)	4x14	4x14	4x14	4x19	4x19	4x19	4x19	4x19	8x19	8x19	8x23
PN25	D (mm)	95	105	115	140	150	165	185	200	235	270	300
	K (mm)	65	75	85	100	110	125	145	160	190	220	250
	nxd (mm)	4x14	4x14	4x14	4x19	4x19	4x19	8x19	8x19	8x23	8x28	8x28

TYPE

Figure	Body material	Nominal diameter	Nominal pressure	Type
215	A Grey cast iron EN-GJL-250	15-150 mm	C 16 bar	stop valve 01P
		15-150 mm	C 16 bar	control valve 71P
215	C Nodular cast iron EN-GJS-400-18-LT	15-150 mm	C 16 bar	stop valve 01P
		15-150 mm	C 16 bar	control valve 71P
		15-150 mm	D 25 bar	stop valve 01P
		15-150 mm	D 25 bar	control valve 71P

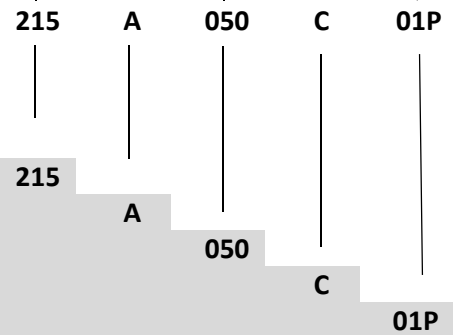
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ORDERING

Figure	Body material	Nominal diameter	Nominal pressure	Type
215	A Grey cast iron EN-GJL-250	15-150 mm	C 16 bar	stop valve 01P

Order example acc. index



Stop valve with PSL actuator
 Grey cast iron EN-GJL-250
 Nominal diameter (mm)
 Nominal pressure PN 16
 Stop valve

STOP VALVE WITH REGADA ACTUATOR zBEL



Body material	Nominal pressure	Nominal diameter	Max. temperature
A Grey cast iron	C 16 bar	DN 15-150	300°C
C Nodular cast iron	C 16 bar D 25 bar	DN 15-150 DN 15-150	350°C



correspond to the pressure equipment directive 2014/68/UE marking CE for DN≥32

FEATURES

- leakproofness class - A acc. EN -12266 – 1 type 01
- leakproofness class IV acc. PN-EN 60534-4 type 71
- environment-friendly
- tests acc. EN - 12266 - 1
- flanges drilled according to EN 1092-2
- face-to-face dimension according to EN 558-1 series 1

APPLICATION *

* not all of the applications are suitable for all of the executions

industries



INDUSTRY



SHIPBUILDING
INDUSTRY



HEATING



REFRIGERATION
AND AIR
CONDITIONING

media



GLYCOL



INDUSTRIAL
WATER



DIATHERMIC OIL



STEAM



COMPRESSED
AIR

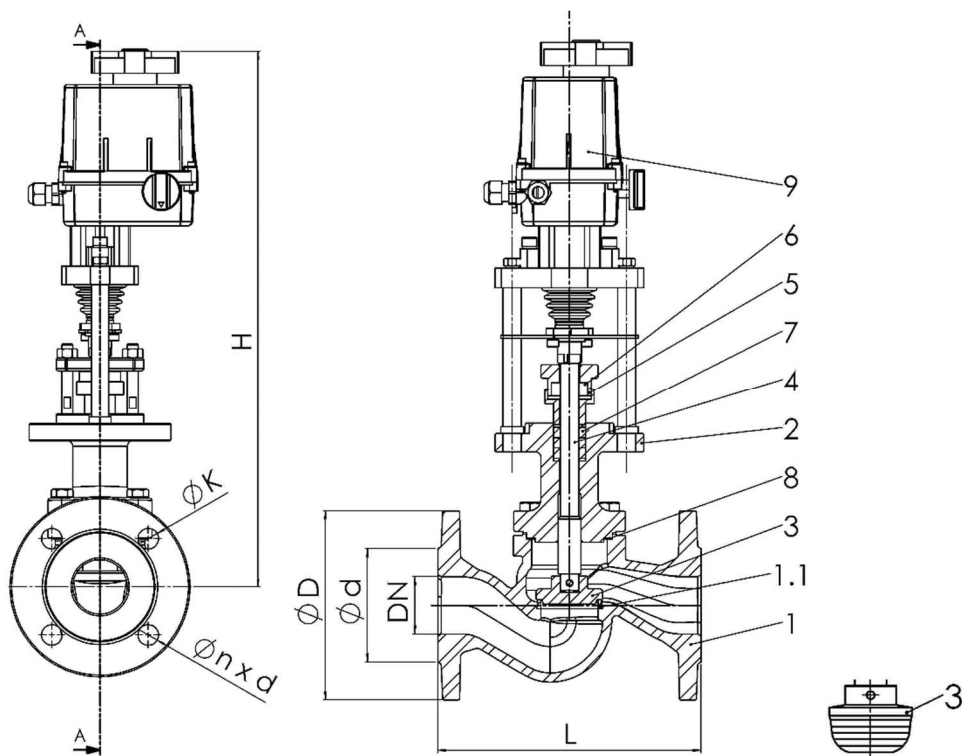


NEUTRAL
FLUIDS

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MATERIALS, DIMENSIONS



Type 01R

Type 71R

	Body material	A	C
	Type	01R ; 71R	
1	Body	EN – GJL-250 5.1301 (ex. JL1040)	EN – GJS-400 – 18-LT 5.3103 (ex.JS1025)
1.1	Seat ring	X20Cr13 1.4021	
2	Bonnet	EN – GJS-400 – 18-LT 5.3103 (ex.JS1025)	
3	Disc	X20Cr13 1.4021	
4	Stem	X20Cr13 1.4021	
5	Gland	GP240GH 1.0619 / P265GH 1.0425	
6	Disc spring	50HG	
7	Gland packing	Graphite	
8	Gasket	Graphite	
9	Actuator	REGADA	
	Max. temperature	300°C	350°C

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DN	15	20	25	32	40	50	65	80	100	125	150
L (mm)	130	150	160	180	200	230	290	310	350	400	480
H (mm)											
STO STR OPA 4kN	445,5	445,5	446,5	460,5	4474,5	483,5	---	---	---	---	---
STO1 STR01 PA 6,3kN	---	---	---	---	636	645	663	680	726,5	740,5	762,5
ST2 STR2PA 14kN	---	---	---	---	---	---	738	755	801,5	815,5	837,5
ST2 STR 2PA 17kN	---	---	---	---	---	---	738	755	801,5	815,5	837,5
ST2 STR 2PA 21,5kN	---	---	---	---	---	---	---	755	801,5	815,5	837,5

PRESSURE-TEMPERATURE RATINGS

	PN		-10°C÷120°C	150°C	200°C	250°C	300°C	350°C
EN-GJL-250	16	bar	16	14,4	12,8	11,2	9,6	---
EN-GJS-400-18 LT	16		16	15,5	14,7	13,9	12,8	11,2
	25		25	24,3	23	21,8	20	17,5

MAX PERMISSIBLE CLOSING PRESSURES (on flow to open P2=0)

ACTUATOR	DN										
	15	20	25	32	40	50	65	80	100	125	150
STO STR OPA 4kN	25	25	25	17,9	14,2	8,8	---	---	---	---	---
STO1 STR01 PA 6,3kN	---	---	---	---	25	17,4	11,5	8,1	5,6	3,5	2,5
ST2 STR2PA 14kN	---	---	---	---	---	---	25	18,1	12,4	7,8	5,7
ST2 STR 2PA 17kN	---	---	---	---	---	---	25	22	15,1	9,5	6,9
ST2 STR 2PA 21,5kN	---	---	---	---	---	---	---	25	19,1	12	8,7

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FLANGE DIMENSIONS ACC. PN-EN 1092-2

DN		15	20	25	32	40	50	65	80	100	125	150
PN16	D (mm)	95	105	115	140	150	165	185	200	220	250	285
	K (mm)	65	75	85	100	110	125	145	160	180	210	240
	nxd (mm)	4x14	4x14	4x14	4x19	4x19	4x19	4x19	8x19	8x19	8x19	8x23
PN25	D (mm)	95	105	115	140	150	165	185	200	235	270	300
	K (mm)	65	75	85	100	110	125	145	160	190	220	250
	nxd (mm)	4x14	4x14	4x14	4x19	4x19	4x19	8x19	8x19	8x23	8x28	8x28

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TYPE

Figure	Body material	Nominal diameter	Nominal pressure	Type
215	A Grey cast iron EN-GJL-250	15-150 mm	C 16 bar	stop valve 01R
		15-150 mm	C 16 bar	control valve 71R
215	C Nodular cast iron EN-GJS-400-18-LT	15-150 mm	C 16 bar	stop valve 01R
		15-150 mm	C 16 bar	control valve 71R
		15-150 mm	D 25 bar	stop valve 01R
		15-150 mm	D 25 bar	control valve 71R

ORDERING

Figure	Body material	Nominal diameter	Nominal pressure	Type
215	A Grey cast iron EN-GJL-250	15-150 mm	C 16 bar	stop valve 01R

Order example acc. index

215 A 150 C 01R

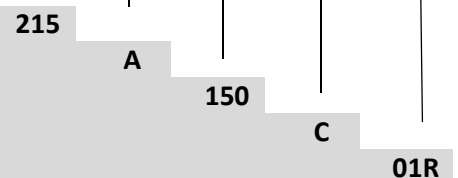
Stop valve with REGADA actuator

Grey cast iron EN-GJL-250

Nominal diameter (mm)

Nominal pressure PN 16

Stop valve



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Edition 01/2018

STOP VALVE WITH AUMA ACTUATOR zGLO



Body material	Nominal pressure	Nominal diameter	Max. temperature
A Grey cast iron	C 16 bar	DN 65-250	300°C
C Nodular cast iron	C 16 bar D 25 bar	DN 65-200 DN 65-200	350°C



correspond to the pressure equipment directive 2014/68/UE marking CE for DN≥32

FEATURES

- leakproofness class - A wg EN - 12266 – 1 type 01
- leakproofness class IV wg PN-EN 60534-4 type 71
- environment-friendly
- tests acc. EN - 12266 - 1
- flanges drilled according to EN 1092-2
- face-to-face dimension according to EN 558-1 series 1

APPLICATION *

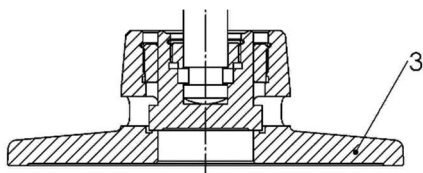
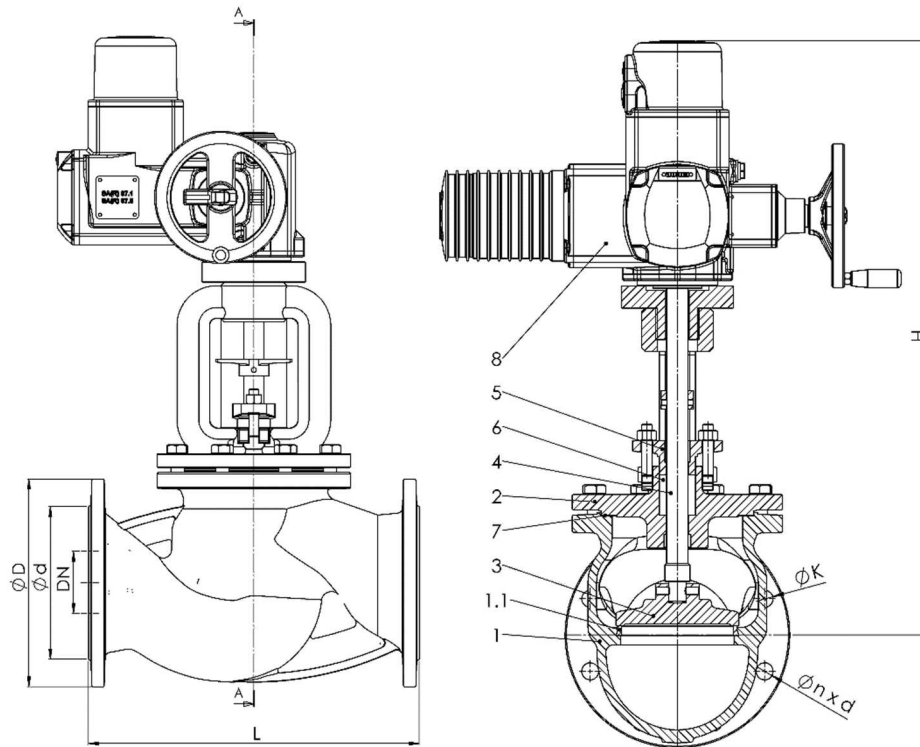
* not all of the applications are suitable for all of the executions

industries						
	INDUSTRY	SHIPBUILDING INDUSTRY	HEATING	REFRIGERATION AND AIR CONDITIONING		
media						
	GLYCOL	INDUSTRIAL WATER	DIATHERMIC OIL	STEAM	COMPRESSED AIR	NEUTRAL FLUIDS

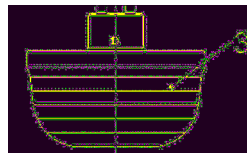
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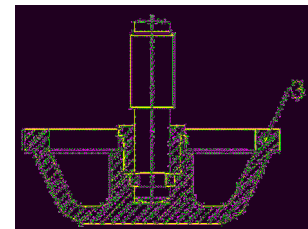
MATERIALS, DIMENSIONS



Type 04A DN200-250



Type 71A DN65-150



Type 71A DN200-250

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Body material	A	C
Type	01A; 04A; 71A	
1.1 Body	EN – GJL-250 5.1301 (ex. JL1040)	EN – GJS-400 – 18-LT 5.3103 (ex.JS1025)
1.2 Seat ring	X12Cr13 1.4006	
2 Bonnet	P235GH 1.0345	
3 Disc	X20Cr13 / X12Cr13 1.4021 / 1.4006	
4 Stem	X20Cr13 1.4021	
5 Gland	GP240GH 1.0619 / P265GH 1.0425	
6 Gland packing	Graphite	
7 Gasket	Graphite	
8 Actuator	AUMA	
Max. temperature	300°C	350°C

DN	65	80	100	125	150	200	250
L (mm)	290	310	350	400	480	600	730
H (mm)	703	720	681	714	751	895	1018

PRESSURE-TEMPERATURE RATINGS

	PN		-10°C÷120°C	150°C	200°C	250°C	300°C	350°C
EN-GJL-250	16	bar	16	14,4	12,8	11,2	9,6	---
EN-GJS-400-18 LT	16		16	15,5	14,7	13,9	12,8	11,2
	25		25	24,3	23	21,8	20	17,5

MAX PERMISSIBLE CLOSING PRESSURES (on flow to open P2=0)

ACTUATOR	DN						
	65	80	100	125	150	200	250
AUMA SA 7.2 ; 7.6 – 60Nm	25	25	23	14,9	10,1	5,3	3,3
AUMA SA 10.2 – 120Nm	---	---	---	26,5	18,3	12,3	7,9
AUMA SA 14.2 – 250Nm	---	---	---	---	---	22,0	14,2
AUMA SAR 7.2 ; 7.6 – 60Nm	25	25	26,9	17,2	11,9	6,5	4,1
AUMA SAR 10.2 – 120Nm	---	---	---	29,3	20,3	13,7	8,7
AUMA SAR 14.2 – 250Nm	---	---	---	---	---	23,7	15,1

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FLANGE DIMENSIONS ACC. PN-EN 1092-1/-2

DN		100	125	150	200	250
PN16	D (mm)	220	250	285	340	405
	K (mm)	180	210	240	295	355
	nxd (mm)	8x19	8x19	8x23	12x23	12x28
PN25	D (mm)	235	270	300	360	-----
	K (mm)	190	220	250	310	-----
	nxd (mm)	8x23	8x28	8x28	12x28	-----

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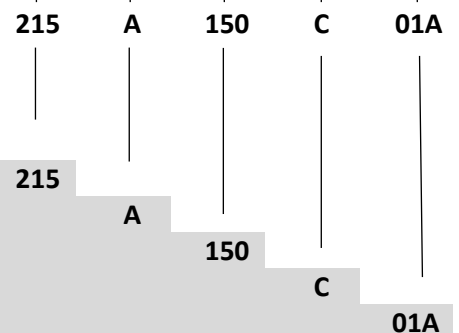
TYPE

Figure	Body material	Nominal diameter	Nominal pressure	Type
215	A Grey cast iron EN-GJL-250	65-150 mm	C 16 bar	stop valve 01A
		200-250 mm	C 16 bar	control valve 71A
		200-250 mm	C 16 bar	stop valve with balancing disc 04A
215	C Nodular cast iron EN-GJS-400-18-LT	65-150 mm	C 16 bar	stop valve 01A
		65-200 mm	C 16 bar	control valve 71A
		200 mm	C 16 bar	stop valve with balancing disc 04A
		65-150 mm	D 25 bar	stop valve 01A
		65-200 mm	D 25 bar	control valve 71A
		200 mm	D 25 bar	stop valve with balancing disc 04A

ORDERING

Figure	Body material	Nominal diameter	Nominal pressure	Type
215	A Grey cast iron EN-GJL-250	65-150 mm	C 16 bar	stop valve 01A

Order example acc. index



Stop valve with AUMA actuator
 Grey cast iron EN-GJL-250
 Nominal diameter (mm)
 Nominal pressure PN 16
 Stop valve

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Edition 01/2018

STOP VALVE WITH PNEUMATIC ACTUATOR zGLO



Body material	Nominal pressure	Nominal diameter	Max. temperature
A Grey cast iron	C 16 bar	DN 15-150	300°C
C Nodular cast iron	C 16 bar D 25 bar	DN 15-150	350°C



correspond to the pressure equipment directive 2014/68/UE marking CE for DN≥32

FEATURES

- leakproofness class - A acc. EN -12266 – 1 – type 01
- leakproofness class IV acc. PN-EN 60534-4 - type 71
- environment-friendly
- tests acc. EN - 12266 - 1
- flanges drilled according to EN 1092-2
- face-to-face dimension according to EN 558 series 1

APPLICATION *

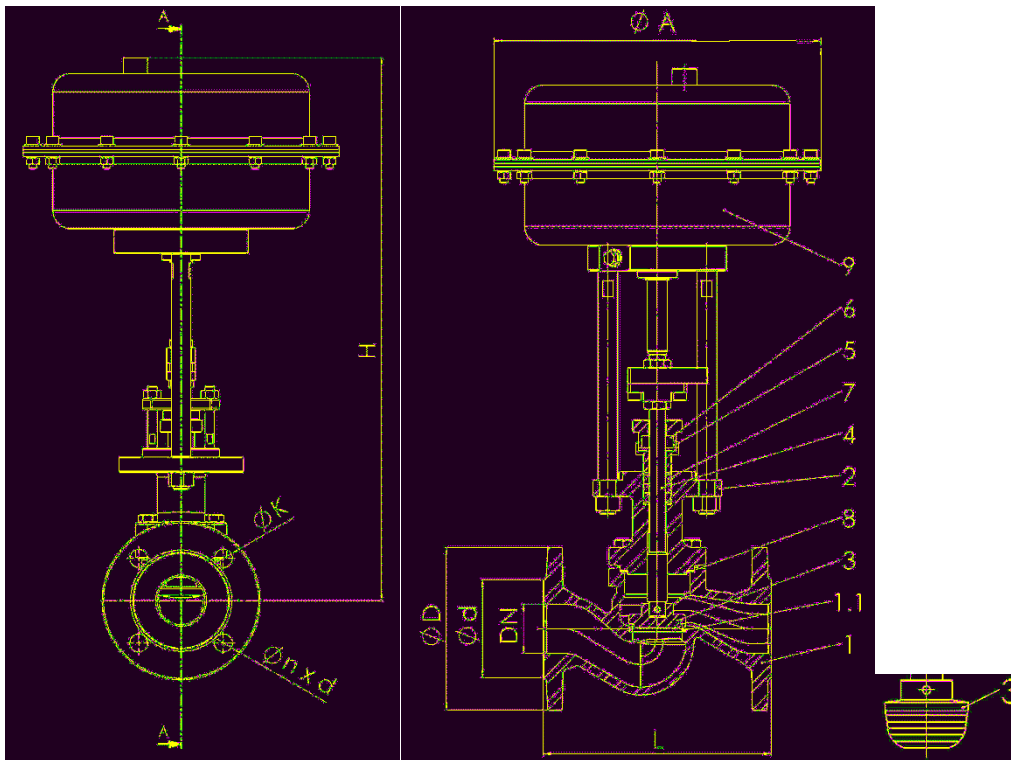
* not all of the applications are suitable for all of the executions

industries						
	INDUSTRY	SHIPBUILDING INDUSTRY	HEATING	REFRIGERATION AND AIR CONDITIONING		
Media						
	GLYCOL	INDUSTRIAL WATER	DIATHERMIC OIL	STEAM	COMPRESSED AIR	NEUTRAL FLUIDS

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Edition 01/2018

MATERIALS, DIMENSIONS



Type 01SP

Type 71SP

	Body material	A	C
	Type	01SP ; 71SP	
1	Body	EN – GJL-250 5.1301 (ex. JL1040)	EN – GJS-400 – 18-LT 5.3103 (ex.JS1025)
1.1	Seat ring	X20Cr13 1.4021	
2	Bonnet	EN – GJS-400 – 18-LT 5.3103 (ex.JS1025)	
3	Disc	X20Cr13 1.4021	
4	Stem	X20Cr13 1.4021	
5	Gland	GP240GH 1.0619 / P265GH 1.0425	
6	Disc spring	50HG	
7	Gland packing	Graphite	
8	Gasket	Graphite	
9	Actuator	Pneumatic	
	Max. temperature	300°C	350°C

DN	15	20	25	32	40	50	65	80	100	125	150
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L (mm)	130	150	160	180	200	230	290	310	350	400	480
H (mm)											
H (SP280 A=247)	478	478	479	493	507	516	534	551	597,5	611,5	633,5
H (SP530 A=347)	---	---	---	---	---	567	585	602	648,5	662,5	684,5
H (SP1000 A=491)	---	---	---	---	---	---	645	662	708,5	722,5	744,5

PRESSURE-TEMPERATURE RATINGS

	PN		-10°C÷120°C	150°C	200°C	250°C	300°C	350°C
EN-GJL-250	16	bar	16	14,4	12,8	11,2	9,6	---
EN-GJS-400-18 LT	16		16	15,5	14,7	13,9	12,8	11,2
	25		25	24,3	23	21,8	20	17,5

MAX PERMISSIBLE CLOSING PRESSURES (on flow to open P2=0)

ACTUATOR	Power pressure (kPa)	DN										
		15	20	25	32	40	50	65	80	100	125	150
SP280	140	21,5	16,8	11,74	7,9	5,8	3,6	2,1	1,5	1	0,6	0,4
	250	64,7	50,5	35,3	23,7	17,6	11	6,4	4,5	3	2	1,4
	400	125,8	98,2	68,7	46,1	34,2	21,5	12,6	8,7	5,8	3,8	2,7
SP530	140	---	---	---	---	---	4,9	2,9	2	1,3	0,9	0,6
	250	---	---	---	---	---	19	11,1	7,7	5,1	3,4	2,4
	400	---	---	---	---	---	38,7	22,7	15,7	10,5	7	5
SP1000	140	---	---	---	---	---	---	6,6	4,6	3	2	1,4
	250	---	---	---	---	---	---	22,5	15,6	10,4	6,9	4,9
	400	---	---	---	---	---	---	44	30,6	20,5	13,6	9,6

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Edition 01/2018

FLANGE DIMENSIONS ACC. PN-EN 1092-2

DN		15	20	25	32	40	50	65	80	100	125	150
PN16	D (mm)	95	105	115	140	150	165	185	200	220	250	285
	K (mm)	65	75	85	100	110	125	145	160	180	210	240
	nxd (mm)	4x14	4x14	4x14	4x19	4x19	4x19	4x19	4x19	8x19	8x19	8x23
PN25	D (mm)	95	105	115	140	150	165	185	200	235	270	300
	K (mm)	65	75	85	100	110	125	145	160	190	220	250
	nxd (mm)	4x14	4x14	4x14	4x19	4x19	4x19	8x19	8x19	8x23	8x28	8x28

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Edition 01/2018

TYPE

Figure	Body material	Nominal diameter	Nominal pressure	Type
215	A Grey cast iron EN-GJL-250	15-150 mm	C 16 bar	stop valve 01SP
		15-150 mm	C 16 bar	control valve 71SP
215	C Nodular cast iron EN-GJS-400-18-LT	15-150 mm	C 16 bar	stop valve 01SP
		15-150 mm	C 16 bar	control valve 71SP
		15-150 mm	D 25 bar	stop valve 01SP
		15-150 mm	D 25 bar	control valve 71SP

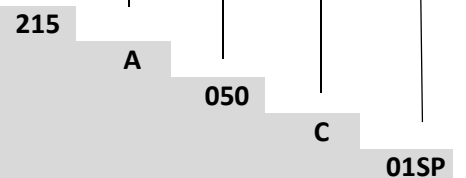
ORDERING

Figure	Body material	Nominal diameter	Nominal pressure	Type
215	A Grey cast iron EN-GJL-250	15-150 mm	C 16 bar	stop valve 01SP

Order example acc. index

215 A 050 C 01SP

Stop valve with PNEUMATIC actuator
 Grey cast iron EN-GJL-250
 Nominal diameter (mm)
 Nominal pressure PN 16
 Stop valve



Data given can be changed without notice.

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