

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 *

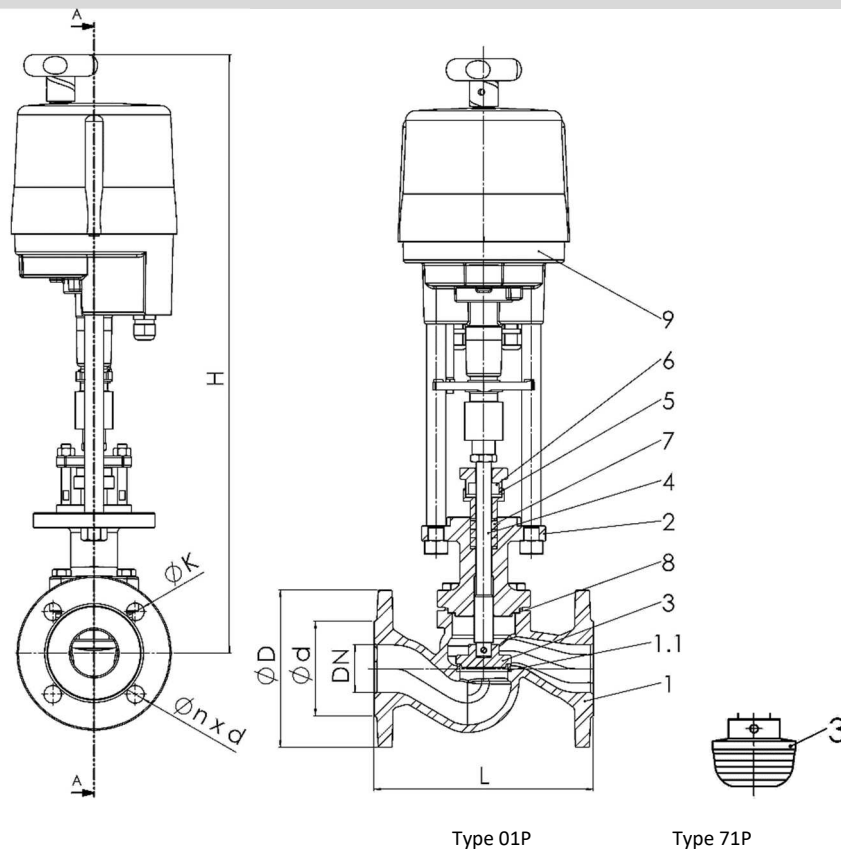
* not all of the applications are suitable for all of the executions

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

Data given can be changed without notice.

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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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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

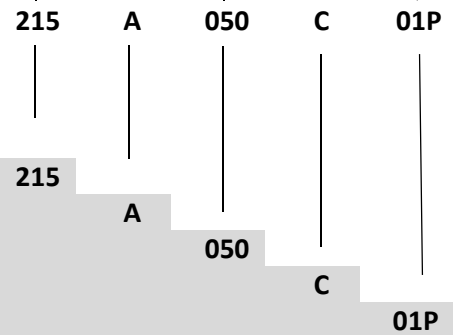
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ORDERING

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