

**KRŠKO NUCLEAR POWER PLANT**

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 Date: 21 / 6 / 2019

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ATTACHMENT 34.4

 Specification No.: **SP - G3032 rev.1**

 Spec. Sheet No.: **RV42-3**
**SPECIFICATION DATA SHEET**

VALVE TAG NUMBER 59353 59361			SERVICE CONDITIONS			
VALVE IDENTIFICATION No.		1-RV42	29	FLUID	RADIOACTIVITY	WF-9 NO
BODY			30	TEMP. MAX.	°C(°F)	40 (104)
1	NOMINAL SIZE	1 IN.	31	PRESSURE MAX.	(bar) psig	10 (145)
2	FORM	Relief	32	L/D AT FULL OPEN @ MAX. FLOW		
3	END CONNECTIONS – SCH	FL-40	33	ANSI PRESSURE RATING		150
4	BONNET SEAL TYPE	*	34	ANSI CODE CLASS		NSR
5	STEM PACKING MATERIAL	*	35	WEIGHT (max) LBS		
6	BODY & BONNET MATERIAL	SS		MOTOR OPERATOR		
7	STEM MATERIAL	*	36	POWER: VOLTS/PHASE/CYCLES		
8	INLET/OUTLET PIPE MATERIAL		37	STROKE TIME OPEN (MAX)	sec.	
9	INLET/OUTLET PIPE SCHEDULE		38	STROKE TIME CLOSE (MAX)	sec.	
TRIM			39	MAX. ΔP VALVE to OPEN against	bar (psig)	
10	PLUG FORM		40	MAX. ΔP VALVE to CLOSE against	bar (psig)	
11	MATERIAL: PLUG / DISC		41	AIR OPERATED (only)		
12	SEAT MATERIAL		42	- OPERATING PRESSURE MAX.	bar (psig)	
13	DIAPHRAGM MATERIAL		43	- FILTER & REGULATOR		
14	BONNET MATERIAL		44			
15	PORT MATERIAL		44			
RELIEF VALVE (only)				RELIEF VALVE (only)		
16	GUIDE & RING MATERIAL	*	45	CAPACITY	m <sup>3</sup> /h (gpm)	0.03
17	SPRING MATERIAL	*	46	MOL WT OR SP.GR @ FT		
ACCESSORIES			47	VISCOSITY @ FT (centipose)		
18	OPERATOR		48	PRESSURE, bar <sub>g</sub> (psig) NORMAL\RELIEVE	5 6	
19	BONNET TAP		49	TEMPERAT. °C (°F) NORMAL\RELIEVE	40 40	
20	BONNET O-RING STEM SEAL		50	CONSTANT BACK PRESSURE,	bar (psig)	0
21	POSITION LOCKING DEVICE		51	DEVELOPED BACK PRESSURE, bar <sub>g</sub> (psig)		
22	RELIEF VALVES (only)		52	SPRING SET PRESSURE,	bar <sub>g</sub> (psig)	
	- TEST GAG		53	OVERPRESSURE	%	10
	- BALANCED BELLOWS			ORIFICE AREA:		
	- LEVER PLAIN / PACKED		54	- CALCULATED	mm <sup>2</sup> (sq.in.)	
23	LEAKOFF		55	- SELECTED	mm <sup>2</sup> (sq.in.)	
24	BACKSEAT		56			
25	MANUAL OVERRIDE		<b>IMPORTANT NOTES:</b> * Per specification SP-G3032, Rev.0 ** Data furnished with quotation. *** Manual, Handle • Valve is Seismic category I equipment. • Augmented Quality Class Valves design shall comply with SP-G3032 rev.0 and additional earthquake requirement specified in Attachment 34.5. • Use FRS figures for Level 1. • Valve is located inside OSC building. Pipe A-312 TP304 Sch 40S • Nozzle loads shall sustain max allowable piping loads in acc. with paragraph 6.4.b; paragraph 6.4.a is not applicable.			
26	LIMIT SWITCHES					
27	POSITION INDICATOR					
28	POSITION STOP					