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Valve Schedule



Quote Reference CWQ 1464

Date 8/10/2016

Typical kPa Design: HHW: 20kPa CHW: 30kPa
 Project
 SCUH Tenancey

 From
 Controlworks QLD

Prepared for Shop Steel
Phone #

							VALVE	SELECTION	ON		ACTUATOR SELECTION FITTINGS						
	Flow Rate	Coil	kPa,		Κv			Nom.	Valve	kPa,			Max Valve	Close-Off			Valve
ID	L/s	DP	Design	Qty	reqd	Ports	Model	Size	Κv	actual	Model	Туре	DP (kPa)	(kPa)	Model	Qty	Authority
OOMEN018	0.350		25	1	2.5	2	VVP459.20-4	20	4	10	SSB61	24V,0-10V	350	350	ALG152B	1	-
OOMEN019	0.350		25	1	2.5	2	VVP459.20-4	20	4	10	SSB61	24V,0-10V	350	350	ALG152B	1	-
OOMEN020	0.350		25	1	2.5	2	VVP459.20-4	20	4	10	SSB61	24V,0-10V	350	350	ALG152B	1	-
OOMEN021	0.350		25	1	2.5	2	VVP459.20-4	20	4	10	SSB61	24V,0-10V	350	350	ALG152B	1	-
OOMEN023	0.350		25	1	2.5	2	VVP459.20-4	20	4	10	SSB61	24V,0-10V	350	350	ALG152B	1	-
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Total sets of valves and actuators :

5

This proposal is in accordance with SBT conditions of sale.

Valve Kv	kPa, actual	Max Valve DP	Close-Off	Valve Authority
Relates to the nominal capacity of the valve. It is the amount of flow through the valve when fully open and at a specific dp.	Pressure drop across the selected valve at nominal flow with valve fully open	Maximum allowable differential pressure where valve will operate without noise and actuator can actuate over the entire range	Maximum permissible differential pressure at which the motorised valve will close securely against pressure	Authority of the control valve compared to the circuit (coil & valve). Should generally be >0.5