

Instrument Data Sheet			
Pnumatic Control Valve			
Tag No.	TV-1373	ACTUATOR	
Service	Caustic Soda Tem. Control	Model	
Quantity	1 No.	Place of Origin	
Line No.	1303-WCS-100-B2RF2	Type	Single acting cylinder
Pipe Material	20#	Action Style	Air-to-Open
Pipe Size	DN100	Spring Range	
OPERATING CONDITIONS		Travel	
Process Fluid	Cooling water	Hand Wheel	
Operating Temperatruue °C	35	Air Supply Pressure	5 kg/cm2
Upstream Pres.kgf/cm2 abs	4	Pneu.Connect Size	1/4NPT
Downstream P. kgf/cm2 abs	3.5	POSITIONER	
Shut-off DPress. kgf/cm2	4	Model & Place of Origin	YTC
LIQUID FLOW	MAX. m3/h	55.8	Input Signal
	NOR. m3/h	46.5	Output Signal
	MIN. m3/h	14	Action Style
Density at Oper. kg/m3	994	Cable conduit Size	1/2NPT (F)
Dynamic Viscosity mPa.s		Air Supply Pressure	5 kg/cm2
Compress Factor		Protection Class	IP65
Vapor Pressure MPa		Ex. Certification	ExiaIICT4
Critical Pressure MPa		VALVE POSITION TRANSMITTER	
Noise Level		Model & Place of Origin	/
Air Fail Open/Close	Fail Close	Valve Position Transmitter	/
BODY/PLUG SPECIFICATION		Cable conduit Size	/
Model & Place of Origin		Protection Class	/
Valve Style	Butterfly Valve	Ex. Certification	/
		CONTROL ASSEMBLY	
Body Material	SS 304	Solenoid Valve	/
Flange Std.	ANSI 150Lb	Cable conduit Size	/
Flange Spec.	DN 100 RF WAFER	Limited Switch	/
Flow Open/Close	Flow Open	Cable conduit Size	/
Valve Size	DN100	Protection Class	/
Disc Material	SS 316	Ex. Certification	/
Seat Material	SS 316	Model & Place of Origin	/
Seal Ring Material	PTFE	FILTER RELIEF VALVE	
Leakage Class	ANSI VI	Air Connect Size	Rc1/4-φ8
Flow Characteristic	Inherent	Valve Pressure Gauge	φ50/ SS 304
Heat Fin/Extention	/	ACCESSORIES	
Cv Calculation Cv		Retaining valve	/
Cv Selected Cv		Spare Cylinder	/
Allow ΔPc kgf/cm2		Other	Mounting Bracket
Open % at Max. Flow		Manufacturer	
NOTE:			
1. With SS304 Nameplate : MFR, Tag, SeriesNo., Type and other Specification.			
2. Cv details should be provided by the manufacturer.			

Instrument Data Sheet			
Pnumatic Control Valve			
Tag No.	TV-1330	ACTUATOR	
Service	Caustic Soda Tem. Control	Model	
		Place of Origin	
Quantity	1 No.		
Line No.	1304-WCS-150-B2RF2	Type	Single acting cylinder
Pipe Material	20#	Action Style	Air-to-Open
Pipe Size	DN150	Spring Range	
OPERATING CONDITIONS		Travel	
Process Fluid	Cooling water	Hand Wheel	
Operating Temperatruue °C	35	Air Supply Pressure	5 kg/cm2
Upstream Pres.kgf/cm2 abs	4	Pneu.Connect Size	1/4NPT
Downstream P. kgf/cm2 abs	3.5	POSITIONER	
Shut-off DPress. kgf/cm2	3.0	Model & Place of Origin	YTC
LIQUID FLOW	MAX. m3/h	89.7	Input Signal
	NOR. m3/h	74.7	Output Signal
	MIN. m3/h	22.4	Action Style
Density at Oper. kg/m3	994	Cable conduit Size	1/2NPT (F)
Dynamic Viscosity mPa.s		Air Supply Pressure	5 kg/cm2
Compress Factor		Protection Class	IP65
Vapor Pressure MPa		Ex. Certification	/
Critical Pressure MPa		VALVE POSITION TRANSMITTER	
Noise Level		Model & Place of Origin	/
Air Fail Open/Close	Fail Close	Valve Position Transmitter	/
BODY/PLUG SPECIFICATION		Cable conduit Size	/
Model & Place of Origin		Protection Class	/
Valve Style	Butterfly Valve	Ex. Certification	/
		CONTROL ASSEMBLY	
Body Material	SS 304	Solenoid Valve	/
Flange Std.	ANSI 150Lb	Cable conduit Size	/
Flange Spec.	DN150 RF WAFER	Limited Switch	/
Flow Open/Close	Flow Open	Cable conduit Size	/
Valve Size	DN 150	Protection Class	/
Disc Material	SS 316	Ex. Certification	/
Seat Material	SS 316	Model & Place of Origin	/
Seal Ring Material	PTFE	FILTER RELIEF VALVE	
Leakage Class	ANSI VI	Air Connect Size	Rc1/4-φ8
Flow Characteristic	Inherent	Valve Pressure Gauge	φ50/ SS 304
Heat Fin/Extention	/	ACCESSORIES	
Cv Calculation Cv		Retaining valve	/
Cv Selected Cv		Spare Cylinder	/
Allow ΔPc kgf/cm2		Other	Mounting Bracket
Open % at Max. Flow		Manufacturer	
NOTE:			
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## Instrument Data Sheet

## Pnumatic Control Valve

Tag No.	PV-1316		ACTUATOR	
Service	CL2 Pressure Control		Model	
Quantity	1 No.		Place of Origin	
Line No.	1302-PCW-250-TIRF1		Type	Single acting cylinder
Pipe Material	TA2		Action Style	Air-to-Close
Pipe Size	DN250		Spring Range	
OPERATING CONDITIONS			Travel	
Process Fluid	CL2		Hand Wheel	
Operating Temperature °C	83		Air Supply Pressure	5 kg/cm2
Upstream Pres.kgf/cm2 abs	1.2		Pneu.Connect Size	1/4NPT
Downstream P. kgf/cm2 abs	1.17		POSITIONER	
Shut-off DPress. kgf/cm2	0.20		Model & Place of Origin	YTC
GAS FLOW	MAX. Nm3/h	1759.5	Input Signal	4~20mADC
	NOR. Nm3/h	1466.3	Output Signal	MFR STD
	MIN. Nm3/h	439.9	Action Style	Optional
Density at Oper. kg/m3	2.24		Cable conduit Size	1/2NPT (F)
Dynamic Viscosity mPa.s			Air Supply Pressure	5 kg/cm2
Compress Factor			Protection Class	IP65
Vapor Pressure MPa			Ex. Certification	ExiaIICT4
Critical Pressure MPa			VALVE POSITION TRANSMITTER	
Noise Level			Model & Place of Origin	/
Air Fail Open/Close	Fail Open		Valve Position Transmitter	/
BODY/PLUG SPECIFICATION			Cable conduit Size	/
Model & Place of Origin			Protection Class	/
Valve Style	Butterfly Valve		Ex. Certification	/
			CONTROL ASSEMBLY	
Body Material	GGG40.3 + PTFE		Solenoid Valve	/
Flange Std.	ANSI 150Lb		Cable conduit Size	/
Flange Spec.	DN 250 RF WAFER		Limited Switch	/
Flow Open/Close	Flow Close		Cable conduit Size	/
Valve Size	DN250		Protection Class	/
Disc Material	SS 316+ PFA		Ex. Certification	/
Seat Material	SS 316+ PFA		Model & Place of Origin	/
Seal Ring Material	PTFE		FILTER RELIEF VALVE	
Leakage Class	ANSI VI		Air Connect Size	Rc1/4-φ8
Flow Characteristic	Inherent		Valve Pressure Gauge	φ50/ SS 304
Heat Fin/Extention	/		ACCESSORIES	
Cv Calculation Cv			Retaining valve	/
Cv Selected Cv			Spare Cylinder	/
Allow ΔPc kgf/cm2			Other	Mounting Bracket
Open % at Max. Flow			Manufacturer	

## NOTE:

1. With SS304 Nameplate : MFR, Tag, Series No., Type and other Specification.
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Instrument Data Sheet				
Pnumatic Control Valve				
Tag No.	PV-1326	ACTUATOR		
Service	H2 Pressure Control	Model		
		Place of Origin		
Quantity	1 No.			
Line No.	1305-HZ-200-E2RF2	Type	Single acting cylinder	
Pipe Material	310S	Action Style	Air-to-Close	
Pipe Size	DN200	Spring Range		
OPERATING CONDITIONS		Travel		
Process Fluid	H2	Hand Wheel		
Operating Temperature °C	85	Air Supply Pressure	5 kg/cm2	
Upstream Pres.kgf/cm2 abs	1.24	Pneu.Connect Size	1/4NPT	
Downstream P. kgf/cm2 abs	1.18	POSITIONER		
Shut-off DPress. kgf/cm2	0.24	Model & Place of Origin	YTC	
GAS FLOW	MAX. Nm3/h	1433.7	Input Signal	4~20mADC
	NOR. Nm3/h	1194.7	Output Signal	MFR STD
	MIN. Nm3/h	358.4	Action Style	Optional
Density at Oper. kg/m3	0.28	Cable conduit Size	1/2NPT (F)	
Dynamic Viscosity mPa.s		Air Supply Pressure	5 kg/cm2	
Compress Factor		Protection Class	IP65	
Vapor Pressure MPa		Ex. Certification	ExiaICT4	
Critical Pressure MPa		VALVE POSITION TRANSMITTER		
Noise Level		Model & Place of Origin	/	
Air Fail Open/Close	Fail Open	Valve Position Transmitter	/	
BODY/PLUG SPECIFICATION		Cable conduit Size	/	
Model & Place of Origin		Protection Class	/	
Valve Style	Butterfly Valve	Ex. Certification	/	
		CONTROL ASSEMBLY		
Body Material	SS 304	Solenoid Valve	/	
Flange Std.	ANSI 150Lb	Cable conduit Size	/	
Flange Spec.	DN 150 RF WAFER	Limited Switch	/	
Flow Open/Close	Flow Close	Cable conduit Size	/	
Valve Size	DN150	Protection Class	/	
Disc Material	SS 316	Ex. Certification	/	
Seat Material	SS 316	Model & Place of Origin	/	
Seal Ring Material	PTFE	FILTER RELIEF VALVE		
Leakage Class	ANSI VI	Air Connect Size	Rc1/4-φ8	
Flow Characteristic	Inherent	Valve Pressure Gauge	φ50/ SS 304	
Heat Fin/Extention	/	ACCESSORIES		
Cv Calculation Cv		Retaining valve	/	
Cv Selected Cv		Spare Cylinder	/	
Allow ΔPc kgf/cm2		Other	Mounting Bracket	
Open % at Max. Flow		Manufacturer		
NOTE:				
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2. Cv details should be provided by the manufacturer.				

Instrument Data Sheet			
Pnumatic Control Valve			
Tag No.	PV-1328	ACTUATOR	
Service	H2 Pressure Control	Model	
Quantity	1 No.	Place of Origin	
Line No.	1307-HZ-150-B2RF3	Type	Single acting cylinder
Pipe Material	20#	Action Style	Air-to-Close
Pipe Size	DN150	Spring Range	
OPERATING CONDITIONS		Travel	
Process Fluid	H2	Hand Wheel	
Operating Temperatruue °C	85	Air Supply Pressure	5 kg/cm2
Upstream Pres.kgf/cm2 abs	1.18	Pneu.Connect Size	1/4NPT
Downstream P. kgf/cm2 abs	1	POSITIONER	
Shut-off DPress. kgf/cm2	0.18	Model & Place of Origin	YTC
GAS FLOW	MAX. Nm3/h	1194.7	Input Signal
	NOR. Nm3/h	-	Output Signal
	MIN. Nm3/h	0	Action Style
Density at Oper. kg/m3	0.28	Cable conduit Size	1/2NPT (F)
Dynamic Viscosity mPa.s		Air Supply Pressure	5 kg/cm2
Compress Factor		Protection Class	IP65
Vapor Pressure MPa		Ex. Certification	ExialICT4
Critical Pressure MPa		VALVE POSITION TRANSMITTER	
Noise Level		Model & Place of Origin	
Air Fail Open/Close	Fail Open	Valve Position Transmitter	4-20mA DC
BODY/PLUG SPECIFICATION		Cable conduit Size	1/2 NPT (F)
Model & Place of Origin		Protection Class	/
Valve Style	Butterfly Valve	Ex. Certification	ExialICT4
CONTROL ASSEMBLY			
Body Material	SS 304	Solenoid Valve	/
Flange Std.	ANSI 150Lb	Cable conduit Size	/
Flange Spec.	DN 100 RF WAFER	Limited Switch	/
Flow Open/Close	Flow Close	Cable conduit Size	/
Valve Size	DN100	Protection Class	/
Disc Material	SS 316	Ex. Certification	/
Seat Material	SS 316	Model & Place of Origin	/
Seal Ring Material	PTFE	FILTER RELIEF VALVE	
Leakage Class	ANSI VI	Air Connect Size	Rc1/4-φ8
Flow Characteristic	Inherent	Valve Pressure Gauge	φ50/ SS 304
Heat Fin/Extention	/	ACCESSORIES	
Cv Calculation Cv		Retaining valve	/
Cv Selected Cv		Spare Cylinder	/
Allow ΔPc kgf/cm2		Other	Mounting Bracket
Open % at Max. Flow		Manufacturer	
NOTE:			
1. With SS304 Nameplate : MFR,Tag,SeriesNo.,Type and other Specification.			
2. Cv details should be provided by the manufacturer.			

**Instrument Data Sheet**

**Pnumatic Control Valve**

Tag No.	PV-1355		ACTUATOR	
Service	Cl <sub>2</sub> To Buffer vessel		Model	
			Place of Origin	
Quantity	1 No.			
Line No.	1309-PCW-250-G1FF2		Type	Single acting cylinder
Pipe Material	FRP		Action Style	Air-to-Open
Pipe Size	DN250		Spring Range	
OPERATING CONDITIONS			Travel	
Process Fluid	Cl <sub>2</sub>		Hand Wheel	
Operating Temperatru <sup>e</sup> °C	60		Air Supply Pressure	4-6 kg/cm2(G)
Upstream Pres.kgf/cm <sup>2</sup> abs	1.14		Pneu.Connect Size	1/4NPT
Downstream P. kgf/cm <sup>2</sup> abs	1.13		POSITIONER	
Shut-off DPress. kgf/cm <sup>2</sup>	0.14		Model & Place of Origin	YTC
GAS FLOW	MAX. Nm3/h	1075	Input Signal	4-20mADC
	NOR. Nm3/h	976.5	Output Signal	MFR STD
	MIN. Nm3/h	500	Action Style	Optional
Density at Oper. kg/m <sup>3</sup>	2.96		Cable conduit Size	1/2 NPT(F)
Dynamic Viscosity mPa.s			Air Supply Pressure	4-6 kg/cm2(G)
Compress Factor			Protection Class	IP65
Vapor Pressure kg/cm <sup>2</sup>			Ex. Certification	Ex iaIICT4
Critical Pressure kg/cm <sup>2</sup>			VALVE POSITION TRANSMITTER	
Noise Level			Model & Place of Origin	/
Air Fail Open/Close	Fail Close		VALVE POSITION TRANSMITTER	/
BODY/PLUG SPECIFICATION			Cable conduit Size	/
Model & Place of Origin			Protection Class	/
Valve Style	Butterfly Valve		Ex. Certification	/
			CONTROL ASSEMBLY	
Body Material	GGG40.3 + PTFE		Solenoid Valve	PSV-1355 (24V DC)
Flange Std.	ANSI 150Lb		Cable conduit Size	1/2 NPT(F)
Flange Spec.	DN250 FF WAFER		Limited Switch	/
Flow Open/Close	Flow Open		Cable conduit Size	/
Valve Size	DN250		Protection Class	/
Disc Material	316L+PFA		Ex. Certification	Ex iaIICT4
Seat Material	316L+PFA		Model & Place of Origin	/
Seal Ring Material	PTFE		FILTER RELIEF VALVE	
Leakage Class	ANSI VI		Air Connect Size	Rc1/4-φ8
Flow Characteristic	Inherent		Valve Pressure Gauge	φ50 /SS304
Heat Fin/Extention	/		ACCESSORIES	
Calculation Cv	711.0		Retaining valve	/
Selected Cv	1750		Spare Cylinder	/
Allow ΔPc kgf/cm <sup>2</sup>			Other	Mounting Bracket
Open % at Max. Flow	67.20%		Manufacturer	

NOTE: With SS304 Nameplate: MFR,Tag,SeriesNo.,Type and other Specification.

Instrument Data Sheet

Pneumatic Control Valve

Tag No.	PV-1348		ACTUATOR	
Service	H2 To BL Pressure Control		Model	
			Place of Origin	
Quantity	1 No.			
Line No.	1311-HZ-200-B2RF3		Type	Single acting cylinder
Pipe Material	20#		Action Style	Air-to-Open
Pipe Size	DN200		Spring Range	
OPERATING CONDITIONS			Travel	
Process Fluid	H <sub>2</sub>		Hand Wheel	
Operating Temperature °C	60		Air Supply Pressure	4-6 kg/cm2(G)
Upstream Pres. kgf/cm <sup>2</sup> abs	1.16		Pneu.Connect Size	1/4NPT
Downstream P. kgf/cm <sup>2</sup> abs	1.15		POSITIONER	
Shut-off DPress. kgf/cm <sup>2</sup>	0.16		Model & Place of Origin	YTC
GAS FLOW	MAX. Nm3/h	1070	Input Signal	4-20mADC
	NOR. Nm3/h	972	Output Signal	MFR STD
	MIN. Nm3/h	500	Action Style	Optional
Density at Oper. kg/m <sup>3</sup>	0.14		Cable conduit Size	1/2 NPT(F)
Dynamic Viscosity mPa.s			Air Supply Pressure	4-6 kg/cm2(G)
Compress Factor			Protection Class	IP65
Vapor Pressure kg/cm2			Ex. Certification	Ex iaIICT4
Critical Pressure kg/cm2			VALVE POSITION TRANSMITTER	
Noise Level			Model & Place of Origin	/
Air Fail Open/Close	Fail Close		Valve Position Transmitter	/
BODY/PLUG SPECIFICATION			Cable conduit Size	/
Model & Place of Origin			Protection Class	/
Valve Style	Butterfly Valve		Ex. Certification	/
			CONTROL ASSEMBLY	
Body Material	304		Solenoid Valve	PSV-1348 (24V DC)
Flange Std.	ANSI 150Lb		Cable conduit Size	1/2 NPT(F)
Flange Spec.	DN200 RF WAFER		Limited Switch	/
Flow Open/Close	Flow Open		Cable conduit Size	/
Valve Size	DN200		Protection Class	/
Disc Material	316		Ex. Certification	Ex iaIICT4
Seat Material	316		Model & Place of Origin	/
Seal Ring Material	PTFE		FILTER RELIEF VALVE	
Leakage Class	ANSI VI		Air Connect Size	Rc1/4-φ8
Flow Characteristic	Inherent		Valve Pressure Gauge	φ50 /SS304
Heat Fin/Extention	/		ACCESSORIES	
Calculation Cv	147.7		Retaining valve	/
Selected Cv	1050		Spare Cylinder	/
Allow ΔPc kgf/cm2			Other	Mounting Bracket
Open % at Max. Flow	33.5%		Manufacturer	

NOTE: With SS304 Nameplate: MFR, Tag, Series No., Type and other Specification.

Instrument Data Sheet

Pnumatic Control Valve

Tag No.	PV-1355 A		ACTUATOR	
Service	Cl <sub>2</sub> To Buffer vessel		Model	
			Place of Origin	
Quantity	1 No.			
Line No.	1309-PCW-250		Type	Single acting cylinder
Pipe Material	FRP		Action Style	Air-to-Open
Pipe Size	DN250		Spring Range	
OPERATING CONDITIONS			Travel	
Process Fluid	Cl <sub>2</sub>		Hand Wheel	
Operating Temperature °C	60		Air Supply Pressure	4~6 kg/cm <sup>2</sup> (G)
Upstream Pres.kgf/cm <sup>2</sup> abs	1.14		Pneu.Connect Size	1/4NPT
Downstream P. kgf/cm <sup>2</sup> abs	1.13		POSITIONER	
Shut-off DPress. kgf/cm <sup>2</sup>	0.14		Model & Place of Origin	YTC
GAS FLOW	MAX. Nm <sup>3</sup> /h	1075	Input Signal	4~20mADC
	NOR. Nm <sup>3</sup> /h	976.5	Output Signal	MFR STD
	MIN. Nm <sup>3</sup> /h	500	Action Style	Optional
Density at Oper. kg/m <sup>3</sup>	2.96		Cable conduit Size	1/2 NPT(F)
Dynamic Viscosity mPa.s			Air Supply Pressure	4~6 kg/cm <sup>2</sup> (G)
Compress Factor			Protection Class	IP65
Vapor Pressure kg/cm <sup>2</sup>			Ex. Certification	Ex iallCT4
Critical Pressure kg/cm <sup>2</sup>			VALVE POSITION TRANSMITTER	
Noise Level			Model & Place of Origin	/
Air Fail Open/Close	Fail Close		VALVE POSITION TRANSMITTER	/
BODY/PLUG SPECIFICATION			Cable conduit Size	/
Model & Place of Origin			Protection Class	/
Valve Style			Ex. Certification	/
Butterfly Valve			CONTROL ASSEMBLY	
Body Material	GGG40.3 + PTFE		Solenoid Valve	PSV-1355 (24V DC)
Flange Std.	ANSI 150lb		Cable conduit Size	1/2 NPT(F)
Flange Spec.	DN250 FF WAFER		Limited Switch	/
Flow Open/Close	Flow Open		Cable conduit Size	/
Valve Size	DN250		Protection Class	/
Disc Material	316L+PFA		Ex. Certification	Ex iallCT4
Seat Material	316L+PFA		Model & Place of Origin	/
Seal Ring Material	PTFE		FILTER RELIEF VALVE	
Leakage Class	ANSI VI		Air Connect Size	Rc1/4-φ8
Flow Characteristic	Inherent		Valve Pressure Gauge	φ50 /SS304
Heat Fin/Extention	/		ACCESSORIES	
Calculation Cv	711.0		Retaining valve	/
Selected Cv	1750		Spare Cylinder	/
Allow ΔPc kgf/cm <sup>2</sup>			Other	Mounting Bracket
Open % at Max. Flow	67.20%		Manufacturer	

NOTE: With SS304 Nameplate: MFR, Tag, SeriesNo., Type and other Specification.



Instrument Data Sheet			
Pnumatic On/off Valve			
TAG. NO.	ZV-1341	ZV-1318	ZV-1319
SERVICE	Sequencing valve	Sequencing valve	Sequencing valve
LINE NO./SIZE	1303-WD1-80-E2RF1	1309-CGV-200-G1FF2	1303-PCW-300-G1FF2
PIPE MATERIAL	PPH/FRP	FRP	FRP
OPERATING CONDITIONS			
PROCESS FLUID	NaCL	CL2	CL2
TEMPERATURE °C	60	83	83
PRESSURE Kg/cm2	2.50	0.170	0.170
MAX. DIFF. PRESSURE Kg/cm2	4.00	0.170	0.170
DENS. AT OPER. kg/m3			
VALVE SPECIFICATION			
MODEL			
QUANTITY	1 No.	1 No.	1 No.
TYPE	Butterfly Valve	Butterfly Valve	Butterfly Valve
NOMINAL DIAMETER (mm)	3"	8"	12"
BODY MATERIAL	GGG40.3+PTFE	GGG40.3+PTFE	GGG40.3+PTFE
SEAT MATERIAL	GGG40.3+PTFE	GGG40.3+PTFE	GGG40.3+PTFE
DISK MATERIAL	316+PFA	316+PFA	316+PFA
CONNECTION TYPE	Flange	Flange	Flange
CONNECTION SPEC.	ANSI 150Lb 3" WAFER	ANSI 150Lb 8" WAFER	ANSI 150Lb 12" WAFER
LEAKAGE CLASS	ANSI VI	ANSI VI	ANSI VI
ACTUATOR			
MODEL			
ACTUATOR TYPE	Single acting cylinder	Single acting cylinder	Single acting cylinder
RETUNE ACTUATOR	Spring Reset	Spring Reset	Spring Reset
AIR FAIL OPEN/CLOSE	Fail Open	Fail Open	Fail Close
AIR SUPPLY PRESS.	5 kg/cm2	5 kg/cm2	5 kg/cm2
AIR CONN. SIZE	1/4"NPT	1/4"NPT	1/4"NPT
REGULATOR	YES	YES	YES
REGULATOR GAUGE	φ50/ SS 304	φ50/ SS 304	φ50/ SS 304
AIR CONN. SIZE	Rc 1/4-φ8	Rc 1/4-φ8	Rc 1/4-φ8
POSITION SWITCH	Open/Close	Open/Close	Open/Close
CABLE CONDUIT SIZE	1/2"NPT	1/2"NPT	1/2"NPT
SOLENOID	YES	YES	YES
SOLENOID TYPE	two-position three-way	two-position three-way	two-position three-way
SOLENOID MATERIAL	304+PVC Coated	304+PVC Coated	304+PVC Coated
POWER SUPPLY	24VDC 2-wire	24VDC 2-wire	24VDC 2-wire
CABLE CONDUIT SIZE	1/2"NPT	1/2"NPT	1/2"NPT
Ex. CERTIFICATION	/	Ex iaIICT4	Ex iaIICT4
ACCESSORIES	Speed controller	Speed controller	Speed controller
MANUFACTURER			
REMARKS	IntegratedSupply	IntegratedSupply	IntegratedSupply
NOTE: With SS304 Nameplate: MFR,Tag,SeriesNo.,Type and other Specification.			

## Instrument Data Sheet

## Pnumatic On/off Valve

TAG. NO.	ZV-1329		
SERVICE	Sequencing valve		
LINE NO./SIZE	1305-HZ-250-B2RF3		
PIPE MATERIAL	CS		
OPERATING CONDITIONS			
PROCESS FLUID	H2		
TEMPERATURE °C	85		
PRESSURE Kg/cm2	0.180		
MAX. DIFF. PRESSURE Kg/cm2	0.180		
DENS. AT OPER. kg/m3			
VALVE SPECIFICATION			
MODEL			
QUANTITY	1 No.		
TYPE	Butterfly Valve		
NOMINAL DIAMETER (mm)	10"		
BODY MATERIAL	304		
SEAT MATERIAL	SS 316		
DISK MATERIAL	SS 316		
CONNECTION TYPE	Flange		
CONNECTION SPEC.	ANSI 150lb 10" WAFER		
LEAKAGE CLASS	ANSI VI		
ACTUATOR			
MODEL			
ACTUATOR TYPE	Single acting cylinder		
RETUNE ACTUATOR	Spring Reset		
AIR FAIL OPEN/CLOSE	Fail Close		
AIR SUPPLY PRESS.	5 kg/cm2		
AIR CONN. SIZE	1/4"NPT		
REGULATOR	YES		
REGULATOR GAUGE	YES		
AIR CONN. SIZE	MFR STD		
POSITION SWITCH	Open/Close		
CABLE CONDUIT SIZE	1/2"NPT		
SOLENOID	YES		
SOLENOID TYPE	two-position three-way		
SOLENOID MATERIAL	304+PVC Coated		
POWER SUPPLY	24VDC 2-wire		
CABLE CONDUIT SIZE	1/2"NPT		
Ex. CERTIFICATION	Ex iaIICT4		
ACCESSORIES	Speed controller		
MANUFACTURER			
REMARKS	IntegratedSupply		

NOTE: With SS304 Nameplate: MFR, Tag, SeriesNo., Type and other Specification.