SPECIF	ICATION	S	wasone	lian					
Customer Tag No.		OMATICS (ZHANGZHOU) OMATICS (ZHANGZHOU)				Item No. Date Serial No. Quantity	1 2010/11/25 LE12A1190- 1 1	[_
Model N	lo.	87-41325		Air Set	78-4	-0	Х	1	
Body Ty	/pe	GLOBE		7 001	_				
Rating	•	ASME CLASS 1500		Booster Relay	_				
End Co	nnection	RTJ		Transfer Valve or	78-8	OS (LOCKU	IP) x	1	

	Model No.	87–41325			Air Se	et		78–40			x 1	
	Body Type	GLOBE						_				
	Rating	ASME CLASS 1500			Boos	ter Rela	ay	_				
	Ind Connection RTJ Ilange Face Finish AS PER STANDARD				Trans	fer Val	ve or	78-80S (I	LOCKUP)		x 1	
	Flange Face Finish	AS PER STANDARD			Lock	Up Val	ve	_				
I.	Bonnet Type	STANDARD			;	Set Pre	SS.	0.35 MPa				
0 D Y	Body Size	DN80				ne Tanl		_				
0	Trim Size	3"										
ω	Trim Form	CAGE		S								
	Characteristic	EQ%		I E								
	Rated Cv	140		2								
	Leakage Spec.	CLASS 4		S 0								
	Lourago opoo.	OENOO 4		S								
	Body	ASTM A216 Gr-WCC		Į,		Model	No	1_				
	Plug	630 (H1150D) SS		00	alve	Energ		_				
	Seat Ring	316 SS HF Seat		⋖	<u>a</u>		nergized	1_				
_	Retainer or Cage	6 NM SS Cr. Plated			>		al Reset	_				
<	Guide Bushing	Stellite #6			<u>.</u>		nal Box	-				
R.I		660 SS (5/8")		1	l ou			 				
ш	Stem	P#2600-H00-M		1	Solenoid	Elec.S		 -				
ΑT	Gasket			1	So	Elec.C		-				
≥	Gland Packing	P#6610/ P#6710		-								-
	Gland O-ring	_ : I DTEE			유	Model		-				
	Seal Ring	Press. energized PTFE		-	Limit Switch	Position		_	-			
\vdash	Conical Spring	-			. ∵ ⊗	Elec.C		-				
Z	Flow to	CLOSE				LIEC.C		-	/4 /4//	NDT		
ACT.	Signal Increase to	-		-	7 g	Sig./S		- 010 0T 0	/1/4″	NPI		
<	Fail Position	LOCK (OPEN)		S	Air ipir	Tube		316 ST. S				
l~	Actuator Type	DIAPHRAGM		ER		Fitting	S	DOUBLE-FI	ERRULES			
	Size	# 16 (DIRECT) (A)		ェ	_	Body		RED				
I≅	Spring Range	0. 040 - 0. 205 MPa		1 0	lor	Yoke		RED				
ACTUATOR	Supply Pressure	0. 35 MPa		_	Col	Act'r C		RED				
ĕ	Rated Travel	50. 8mm (2")				Handy	wheel	RED				
	Handwheel	YES (SIDE)			Fluid			cycle H2				
~	Positioner Type	FOUNDATION FIELDBUS			Case			MAX	NOR			
遌	Model No.	SEE BELOW	01	_								
	Input Open	100 %		0	Flow	Rate	Nm3/h	91516	30505			
=	Signal Close	0 %		<u> -</u>								
POSITIONER	Elec.Conn.	1/2"NPT			In.Pre		MPaG	16. 29	16. 29			
	Elec.Class	II1GD EEx iaIIC T4		ND	Out.F		MPaG	15. 5	15. 5			
يدا	Model	_		0	Diff.P	ress.	MPa	0. 79	0. 79			
DUCER	In./Out.Signal	_		ပ	Temp).	° C	97	97			
ΙΞ	Elec.Conn.	_		ш	Dens	ity	kg/Nm3	0. 183	0. 183			
S	Elec.Class	_		ပ		-						
TRANSI	Air Set	_		\ N	Calcu	lated C	V	48. 7	15. 9			
-	Mounting	_		R		Signal%		35 / 73	11 / 44		/	
		Yes		SE			PL(dBA)	78	73			
SS	Grease No.	D 955		ری		off Pr.	MPaG	P1 20. 79		0		
빙	Travel Stopper	_		1		Press.	MPaG	18. 9	, · -			
18	Lubr.&Isol.Valve Grease No. Travel Stopper Max Min	_		1	Des.		° C	-	Max	200		
N	ote	1	-	-	, _ 50.	 -	, -	1	, iiiu	00		\Box
1 '`	·To be Conformed to NACE MR0175-2002											

By M. Shibayama

DRESSER JAPAN, LTD. No. 01 Rev.Date 2010/12/27

10EA1486A_

[•]To be Conformed to NACE MR0175-2002•Positioner is provided by customer to DJL Factory



		AROMATICS (ZHANGZHOU) AROMATICS (ZHANGZHOU) 20						Item Date Seria Quan	2010 I No. LE12)/11/25 !A1190- 2	
	Model No.	87–41325			1			78-40		Х	1
	Body Type	GLOBE		1	Air S	et		70 40		^	-
	Rating	ASME CLASS 1500			Boos	ter Rela	av/	† <u> </u>			
	End Connection	RTJ		1		fer Val		78-80S (L	OCKLIP)	Х	1
	Flange Face Finish			1	1	Up Val		- 000 (I	_001(01)		
	Bonnet Type	STANDARD		1		Set Pre		0. 35 MPa			+
0 D Y	Body Size	DN80				ne Tanl		- 0.00 mi a			
0	Trim Size	3"			· o.u.	110 1 (11)					
Ω	Trim Form	CAGE		S							
	Characteristic	EQ%		I							
	Rated Cv	140		8							
	Leakage Spec.	CLASS 4		S 0							
	<u> </u>			S							
	Body	ASTM A216 Gr-WCC		CE	(1)	Model	No.	_			
	Plug	630 (H1150D) SS		ΑC	<u> </u>	Energ	ized	_			
	Seat Ring	316 SS HF Seat		•	Valve	De-En	ergized	_			
٩L	Retainer or Cage	6 NM SS Cr. Plated			0		al Reset	_			
П	Guide Bushing	Stellite #6			Solenoi		nal Box	_			
ш	Stem	660 SS (5/8")			eu	Elec.S		_			
ΑT	Gasket	P#2600-H00-M			00	Elec.C		_			
<u> </u>	Gland Packing	P#6610/ P#6710				Elec.C		-			\perp
	Gland O-ring	_			ہے بہ	Model		-			
	Seal Ring	Press. energized PTFE			Limit Switch	Position		-	-		_
	Conical Spring	-				Elec.C		-			_
	Flow to	CLOSE				Elec.C		-	/1 /4	"NDT	_
\Box	Signal Increase to Fail Position Actuator Type	- LOOK (ODEN)			Air iping	Sig./S		316 ST. S	/1/4	NPI	_
< -	Actuator Type	LOCK (OPEN) DIAPHRAGM		RS	A نو	Tube		310 31.3	I. IUDE		
~	Actuator Type	# 16 (DIRECT) (A)		ш		Fitting Body	S	DOUBLE-FE RED	KKULES		
2	Size Spring Range Supply Pressure Rated Travel	0. 040 - 0. 205 MPa		王	_	Yoke		RED			_
≦	Supply Pressure	0. 35 MPa		0 T	Color	Act'r C	`200	RED			_
\mathbb{C}	Rated Travel	50. 8mm (2")			Ö	Handy		RED			_
	Handwheel	YES (SIDE)			Fluid	, i idildi		cycle H2			_
~	Positioner Type Model No. Input Open Signal Close Elec.Conn. Elec.Class	FOUNDATION FIELDBUS			Case			MAX	NOR		
当	Model No.	SEE BELOW	01		0.000						
<u></u>	Input Open	100 %		0	Flow	Rate	Nm3/h	91516	30505		
\sqsubseteq	Signal Close	0 %		-							
S	Elec.Conn.	1/2"NPT		I	In.Pre		MPaG	16. 29	16. 29		
<u> </u>	Elec.Class	II1GD EEx iaIIC T4			Out.F		MPaG	15. 4	15. 4		
~	Model	_		N 0	Diff.P		MPa	0. 89	0. 89		
TRANSDUCER	In./Out.Signal	-		ပ	Temp		° C	97	97		
ದ್ದ	Elec.Conn.	_		ш	Dens	ity	kg/Nm3	0. 183	0. 183		
ž	Elec.Class	_		IC				45.0	15		
18	Air Set	-		\ \ \		lated C		45. 9	15	,	
	Mounting	- V		ER		Signal ⁹		33 / 72	11 / 43	/	_
ACCESS.	Lubr.&Isol.Valve	Yes		S			PL(dBA)	80	73) 0	_
ξ	Grease No.	D 955				off Pr.	MPaG	P1 20. 79	9 P2	2 0	_
9	Travel Stopper ☐ Max ☐ Min	_				Press. Temp.	MPaG °C	18. 9	Ma	x 200	
	ote ·To be Conform	ed to NACE MR0175-2002 s provided by customer to DJ	L Fac	tor				•	; mc	200	01

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			V C	son		lar						
Cu	SECIFI ustomer		ROMATICS (ZHANGZHOU) ROMATICS (ZHANGZHOU)	5011		<u> </u>	 		Item Date Seria	2010/ al No. <u>LE12</u> /	/11/25 A1190- 3	
ıω	g INO.				_				Quai	ility <u>i</u>		
Г	Model No		87-41325		$\overline{}$	Air Se	- 4		78-40		Х	1
	Body Typ		GLOBE		1	All Se	H		-			+
	Rating	,,,	ASME CLASS 1500		1	Boos	ter Rela	av	1_			
	End Con	nection	RTJ		1		sfer Val		78-80S (I	I OCKUP)	Х	1
		ace Finish	AS PER STANDARD		1		Up Val		_			
	Bonnet T		STANDARD		1		Set Pre		0.35 MPa			
<u> </u>	Body Siz		DN80				ne Tanl		-			
OD,	Trim Size		3"		1	1 0	10		+			
В	Trim For		CAGE		S				1			\top
	Characte		EQ%		IE				1			
	Rated Cv		140		2							
	Leakage		CLASS 4		S 0							\top
		<u> </u>	OLIVOS .		S							\top
	Body		ASTM A216 Gr-WCC		CE	4)	Model	l No.	_			
	Plug		630 (H1150D) SS		ပ	alve	Energi		1-			
	Seat Ring	a	316 SS HF Seat		4	Val		nergized	_			
AL	Retainer		6 NM SS Cr. Plated			1		al Reset	_			
RI/	Guide Bu		Stellite #6			<u>;</u>		nal Box	_			
ER	Stem		660 SS (5/8	3")		en	Elec.S		_			
—	Gasket		P#2600-H00-M		1	Solenoid	Elec.C					
Μ	Gland Pa		P#6610/ P#6710			S	Elec.C		_			
_	Gland O-		_			' ع ا	Model		_			
	Seal Ring	g	Press. energized PTFE] '	Limit Switch	Positio	on		-		
	Conical S	Spring				.⊑ <u>'</u>	Elec.C		_			
Ν	Flow to		CLOSE			_ s	Elec.C		_			
Ę	Signal In	crease to	_			ຸ ໝ	Sig./S		_	/1/4"	<u>NPT</u>	
Υ(Fail Posi	tion	LOCK (OPEN)		S	Air iping	Tube I		316 ST. S			
l	Actuator	Туре	DIAPHRAGM		8	Pi	Fitting	js	DOUBLE-FI	ERRULES		
R	Size		# 16 (DIRECT) (A)		H		Body		RED			\perp
l≒	Spring R		0. 040 - 0. 205 MPa		0 TH	Color	Yoke		RED			\perp
ACTUATOR	Supply P		0.35 MPa			္ပ	Act'r C		RED			\perp
¥	Rated Tr		50. 8mm (2")		<u> </u>		Handy	wheel	RED			\perp
<u> </u>	Handwhe		YES (SIDE)		-	Fluid			cycle H2	THOD		\perp
<u>~</u>	Positione		FOUNDATION FIELDBUS	01	-	Case			MAX	NOR	-	+
POSITIONE	Model No		SEE BELOW	01	2			TAL 0 /Is	01510	100505		+
lΞ	Input	Open	100 %		-0	Flow	Rate	Nm3/h	91516	30505		+
l:S	Signal	Close	0 %			- D**		ND-0	10.00	10.00	 	+
8	Elec.Con		1/2"NPT		-	In.Pre		MPaG	16. 29	16. 29		+
	Elec.Clas	38	II1GD EEx iaIIC T4		ND	Out.P		MPaG	15. 3	15. 3		+
<u> </u>	Model		 -		0	Diff.P		MPa	0. 99	0. 99		+
<u> </u>	In./Out.S		 -		၁	Temp		° C	97	97		+
ΙΞ	Elec.Con		 -		ш	Densi	ty	kg/Nm3	0. 183	0. 183	 	+
ΙŔ	Elec.Clas	<u>3S</u>	 -		I C	Cala	·letad C	<u> </u>	40 G	14.2	 	+
TRANSDUCER	Air Set		-		>		ulated C		43. 6	14. 3	 	+
\vdash	Mounting				ER		Signal%		31 / 70	10 / 42	/	+
S.	Lubr.&Iso	ol. valve	Yes		S	Predic	ctea SF	PL(dBA)	82	74		-

Note

□Max

Grease No.
Travel Stopper

□Min

D 955

To be Conformed to NACE MR0175-2002Positioner is provided by customer to DJL Factory

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P1

18.9

20.79

P2

0

01 01

Max 200

MPaG

MPaG

°C

Shutoff Pr.

Des.Press.

Des.Temp.

DRESSER Masoneilan

Cι	ıstomer	DRAGON AR	COMATICS (ZHANGZHOU) COMATICS (ZHANGZHOU)	711 \		ıaı				2010 I No. <u>LE18</u>	/11/25 A1190- 1	[_ 1
Iа	g No.	21-PV-149							Quar	ntity <u>I</u>		
	Model No		87-78442	_	I	1. 0			78-40			1
	Body Typ		ANGLE			Air Se	et		- -		^	. 1
	Rating		ASME CLASS 1500			Boos	ter Rela	av	_			
	End Con	nection	RTJ		1		sfer Val		_			
		ace Finish	AS PER STANDARD				Up Val		_			
	Bonnet T		STANDARD				Set Pre		_			
_	Body Siz		DN50				ne Tan		_			
00	Trim Size		TRIM B			VOIGI	iic raii	N.				
Ω	Trim For		4-STAGE (LINCOLNLOG)		S							
	Characte		MODIFIED-LINEAR		Ш							
	Rated Cv		6		~							
	Leakage		CLASS 5		S 0							
	Lounago	Орос.	GENOS G		S							
	Body		ASTM A216 Gr-WCC		CE		Mode	l No.	_			
	Plug		410 SS		ပ	<u> </u>	Energ		_			
	Seat Ring	a	316 SS HF Seat		⋖	Val		nergized	_			
٩L	Retainer		630 (H900) SS					al Reset	_			
R .	Guide Bu		_			. <u>.</u>	Termi	nal Box	_			
E E	Stem		630 (H1075) SS (3/4")			Solenoid	Elec.S	Supply	_			
_	Gasket		T#1808-GR-H00			0	Elec.0		_			
∀ ≥	Gland Pa	cking	V#VFT-22/V#6399L			S	Elec.0	Class	_			
	Gland O-	ring	_			는 등	Mode		_			
	Seal Ring		Press.energized PTFE			Limit Switch	Position		_	_		
	Metal Se	al	-			.= .=	Elec.0		_			
	Flow to		OPEN				Elec.0		_	/		
C	Signal In	crease to	-			Air iping	Sig./S		_	/1/4′	<u>'NPT</u>	
₹	Fail Posit	tion	OPEN		S	i A	Tube		316 ST. S			
	Actuator	Туре	DIAPHRAGM		ER		Fitting	js	DOUBLE-FI	ERRULES		
9 8	Size		# 23 (DIRECT) (A)		工		Body		RED			
ACTUAT	Spring R		0. 040 - 0. 115 MPa		0.1	Color	Yoke		RED			
5	Supply P		0. 25 MPa			යි	Act'r (RED			
₹	Rated Tr		9. 53mm (3/8")				Hand	wheel	RED	TOUTD		
	Handwhe	eel 	YES (SIDE)			Fluid			GENERAL I	_10010		
EP	Positione Model No	er rype	FOUNDATION FIELDBUS	01	-	Case			MAX			
8	1110001111		SEE BELOW	01	2	П	Data	lea /b	36000			_
POSITION	Input	Open	100 %		0	Flow	Rate	kg/h	30000			_
SI	Signal Elec.Con	Close	0 % 1/2"NPT		-	In.Pre	200	MPaG	15. 69			
2	Elec.Clas		IIIGD EEx iaIIC T4		DI	Out.F			0.6			
	Model	55			Z	Diff.P		MPa	15. 09			
E.	In./Out.S	ianal	_		00	Temp		° C	75			
TRANSDUCER	Elec.Con		_			Dens		_	0. 9831			
<u>S</u>	Elec.Clas		_		CE CE	DOM	ity	(op. ui.)	0.0001			
≶	Air Set	50	_		-	Calcu	ılated C	CV.	3. 42			
Ė	Mounting	 1	_		R.		Signal ^c		57 / 65	/	/	
_	Lubr.&Iso		_		ш			PL(dBA)	78	,	,	
ACCESS.	Grease N		_		S		off Pr.	MPaG	P1 21. 23	3 P2	0	
띩	Travel St		_				Press.	MPaG	19. 3			
9	□Max	 □Min	_				Гетр.	° C	_	Ma	x 150	
N	ote		provided by quetemor to DI	Eag-	tor		·					01
	- 5081	LIUNEI IS	provided by customer to DJL	ıau	ָנטו	у						01
												01

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By M. Shibayama
DRESSER JAPAN, LTD.

Rev.Date 2010/12/27 5-1

No. 01



ustomer ng No.		ROMATICS (ZHANGZHOU) ROMATICS (ZHANGZHOU) B						Date Seria Quai	al No. <u>LE12</u>	<u>/11/25</u> \1190- 4
Model N		87-41325			Air Se			78-40		Х
Body Ty	pe	GLOBE						-		
Rating		ASME CLASS 1500		_		ter Rela		-		
End Cor		RTJ		_	1	fer Val		78-80S (LOCKUP)	Х
	Face Finish	AS PER STANDARD		_		Up Val		_		
Bonnet		STANDARD		4		Set Pre		0.35 MPa		
Body Siz		DN80		1	Volun	ne Tanl	k	-		
Trim Siz		3"								
Trim Fo		CAGE		ES						
Charact		EQ%		-						
Rated C		140		0 R						
Leakage	Spec.	CLASS 4		S						
		10711 1010 0 1110		ES						
Body		ASTM A216 Gr-WCC		ပ	l ve	Model		-		
Plug		630 (H1150D) SS		A C	<u> </u>	Energ		-		
Seat Rin		316 SS HF Seat		1	Va		nergized	-		
	or Cage	6 NM SS Cr. Plated		4	0		al Reset	-		
Guide B	ushing	Stellite #6		_	Solenoi		nal Box	-		
Stem		660 SS (5/8")		_	ē	Elec.S		-		
Gasket		P#2600-H00-M		-	00	Elec.C		-		
Gland P		P#6610/ P#6710		-		Elec.C		-		
Gland O		_		4	ي ب	Model		-		
Seal Rin		Press.energized PTFE		1	Limit Switch	Position		-	-	
Conical	Spring	-		-	i:_ ```	Elec.C		-		
Flow to		CLOSE		—		Elec.C		-	/	
Signal Ir	crease to	_		_	_ 50	Sig./S		<u> -</u>	/1/4"	<u>NPT</u>
Signal Ir Fail Pos Actuator	ition	LOCK (OPEN)		S	Air iping	Tube		316 ST. S		
	Туре	DIAPHRAGM		ER		Fitting	S	DOUBLE-F	<u>ERRULES</u>	
Size		# 16 (DIRECT) (A)		工	_	Body		RED		
Spring F		0.040 - 0.205 MPa		1 0	Color	Yoke		RED		
Supply F		0. 35 MPa		J	ය	Act'r C		RED		
Rated T		50. 8mm (2")		↓		Handy	wheel	RED		
Handwh		YES (SIDE)		_	Fluid			cycle H2	1	
Position		FOUNDATION FIELDBUS	- 0.4	-	Case			MAX	NOR	
Model N		SEE BELOW	01	z			N 0 /	1.40000	10701	
Input	Open	100 %		0	Flow	Rate	Nm3/h	140283	46761	
Signal	Close	0 %		I			MD 0	10.00	10.00	
Elec.Co		1/2"NPT		-	In.Pre		MPaG	16. 29	16. 29	
Elec.Cla	SS	II1GD EEx iaIIC T4		N	Out.P		MPaG	15. 6	15. 6	
Model		_		0	Diff.P		MPa	0. 69	0. 69	
In./Out.S		-		၁	Temp		° C	97	97	
Elec.Co		-		ш	Densi	ty	kg/Nm3	0. 183	0. 183	
Elec.Cla	SS	_		I C	0-1	1-1-16	\	00.7	06 1	
Air Set		_		\ \ !		lated C		82. 7	26. 1	
Mountin				ER		Signal ⁹		59 / 87	19 / 57	/
Lubr.&Is Grease Travel S □Max		Yes		S			PL(dBA)	75	75	^
Grease		D 955		-	Shuto		MPaG	P1 20. 7	9 P2	0
Travel S		_		1	Des.F		MPaG	18. 9	14	. 000
	□Min			Щ	Des.T	emp.	° C	_	Max	< 200
ote										

By M. Shibayama

DRESSER JAPAN, LTD. Rev.Date

10EA1486A_ 2011/04/28



Cu	stomer		OMATICS (ZHANGZHOU)						_ Item _ Date	2010	<u>/11/25</u>	_
Та	g No.	21-FV-018	ROMATICS (ZHANGZHOU)						Seria Quar	I No. <u>LE12</u> http://	A1190- 5	
·u	g 1 10 .	21 17 010							Quai	<u> </u>		-
_												
	Model No		51-41925DR			Air Se	et		78-40	041105	<u> x 1</u>	
	Body Typ	oe	GLOBE ASME CLASS 1500			Dane	tan Dale		78-40 W/0	iAUGE	x 1	\Box
	Rating End Con	naation	RTJ				ter Rela sfer Val		78-80S			
		nection ace Finish	AS PER STANDARD				up Val		08-80S		<u> </u>	
	Bonnet T		STANDARD		1		Set Pre		0. 28 MPa		x 1	+
_	Body Siz		DN100		1		ne Tan		U. ZO IVIPA			+
ODY	Trim Size		4"			VOIGI	ile raii	N.				+
മ	Trim For		CAGE		S							+
	Characte		EQ%		ш							+
	Rated C		225		R							+
	Leakage		CLASS 4		S 0							+
	Lounago	Ороо.	GENOO 4		S							+
	Body		ASTM A216 Gr-WCC		CE		Mode	l No.	_			
	Plug		630 (H1075) SS		ပ	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Energ		_			
	Seat Rin	a	410 SS		V	Valve		nergized	_			
٦.	Retainer		6 NM SS Cr. Plated			Р		al Reset	_			
R.I.	Guide Bu		440C SS			. <u>.</u>	Termi	nal Box	-			
ER	Stem		630 (H1075) SS (5/8")			en	Elec.S	Supply	_			
F	Gasket		P#2600-H00-M			Solenoi	Elec.C	Conn.	_			
MAT	Gland Pa	acking	V#VFT-22/V#6399L			S	Elec.C	Class	_			
Γ	Gland O		_			ے ں ا	Mode		_			
	Seal Rin		GRAPHITE/A439 TY-D3			Limit Switch	Position		_	-		
	Conical S	Spring	_			. <u>=</u> . <u>≥</u>	Elec.C		_			
	Flow to		CLOSE				Elec.C		_	,		
ACT		crease to	-			_ 50	Sig./S		_	/1/4	<u>"NPT</u>	\perp
⋖	Fail Posi		CLOSE		S	Air	Tube		316 ST. S			
	Actuator	Туре	CYLINDER		ER	۰۵	Fitting	js	DOUBLE-FI	<u>ERRULES</u>		\perp
ACTUATOR	Size		#12 (10)		工	_	Body		RED			\perp
l≅	Spring R		-		0 T	Color	Yoke	-	RED			\perp
IE.	Supply P		0. 28 MPa			ဒ	Act'r (RED			\perp
₹	Rated Tr		50. 8mm (2")				Hand	wheel	RED			+
	Handwhe		CM(SIDE)			Fluid				LIQUID	MIN	_
2	Positione		FOUNDATION FIELDBUS	0.1		Case			MAX	NOR	MIN	
IONER	Model No		SEE BELOW	01	z		D .	I /I.	236996	107407	00740	+
	Input	Open	100 %		0	Flow	Rate	kg/h	230990	197497	98748	+
S	Signal	Close	0 % 1/2"NPT		1	In Du		MPaG	17. 7	17 7	17 7	
POSIT	Elec.Cor Elec.Clas				DI	In.Pre		MPaG	17. 7	17. 7 17. 2	17. 7 17. 2	+
	Model	58	II1GD EEx iaIIC T4		2	Diff.P		MPa	0. 5	0. 5	0.5	+
띪	In./Out.S	ianal	_		00	Temp		° C	207	207	207	+
2	Elec.Cor		- -		1	Dens			0. 7791	0. 7791	0. 7791	+
TRANSDUCER	Elec.Cla		_		CE	Della	ity	(op. ui .)	0.7731	0.7731	0.7731	+
I₹.	Air Set		_		\ \ \ \	Calcı	ılated C	2v	148	121	58. 5	+
l ^E	Mounting	1	_		R		Signal		66 / 78	54 / 73	26 / 59	+
Η.	Lubr.&Is		_		ш			PL(dBA)	64	63	60	+
SS	Grease N		_		S	Shuto		MPaG	P1 23. 43			
ACCESS.	Travel S		_			Des.F		MPaG	21. 3	, ,, =		
8	□Max	□Min	_			Des.		° C	_	Ma	ax 225	
_	ote								'	,	, <u>,,, ==,</u>	\Box
'		tioner is	provided by customer to DJL	Fac	tor	V						01
			,			,						01
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			By	M.	<u>S</u> r	<u>ibaya</u>	ma	Re	ev.Date 20	/10/12/2 <i>1</i>	No.	U1

10EA1486A_ 2011/04/28

By M. Shibayama
DRESSER JAPAN, LTD.

11-1

Masoneilan

		Item No.	12	
Customer	DRAGON AROMATICS (ZHANGZHOU)	Date	2010/11/25	
	DRAGON AROMATICS (ZHANGZHOU)	Serial No.	LE12A1190- 6	
Tag No.	21-FV-028	Quantity	1	
· ·				
			•	

	Model No.	51-41925DR			Air Se	. 1		78-40			x 1	
	Body Type	GLOBE			Air Se	eτ		78-40 W/0	ALIGE		x 1	
	Rating	ASME CLASS 1500			Roos	ter Rela	av		artoul		<u> </u>	
	End Connection	RTJ				fer Val		78-80S			x 1	
	Flange Face Finish	AS PER STANDARD			1	Up Val		08-80S			x 1	
	Bonnet Type	STANDARD			1	Set Pre		0. 28 MPa				
DΥ	Body Size	DN100				ne Tan		- 20 Mil a				
0	Trim Size	4"			VOIGI	iio raii						
В	Trim Form	CAGE		S								
	Characteristic	EQ%		ΙE								
	Rated Cv	225		8								
	Leakage Spec.	CLASS 4		S 0								
	Loanago opoo.	OLNOO 1		S								
	Body	ASTM A216 Gr-WCC		CE		Mode	l No	_				
	Plug	630 (H1075) SS		S	Valve	Energ		_				
	Seat Ring	410 SS		¥	<u>a</u>		nergized	_				
۸L	Retainer or Cage	6 NM SS Cr. Plated					al Reset	_				
	Guide Bushing	440C SS			Solenoid		nal Box	_				
R	Stem	630 (H1075) SS (5/8")) i		Supply	_				
ΤE	Gasket	P#2600-H00-M			1 0	Elec.C		_				
Μ	Gland Packing	V#VFT-22/V#6399L			Š	Elec.C		_				
2	Gland O-ring	-		-	_	Mode		_				
	Seal Ring	GRAPHITE/A439 TY-D3			Limit Switch	Position		_	-			
	Conical Spring	_			E =	Elec.C		_				
z	Flow to	CLOSE			75	Elec.C		_				
		_			ති			_	/1/	/ 4 ″	NPT	
AC	Signal Increase to Fail Position	CLOSE		S	Air Piping	Tube		316 ST. S				
	Actuator Type	CYLINDER		8	P.	Fitting		DOUBLE-FE				
98	Size	#12 (10)		무		Body		RED				
ACTUATOR	Spring Range	<u>-</u>		H	Color	Yoke		RED				
I	Supply Pressure	0. 28 MPa		0	0	Act'r C	Case	RED				
AC	Rated Travel	50. 8mm (2")				Hand	wheel	RED				
	Handwheel	CM (SIDE)			Fluid			GENERAL L	_I QU I D			
R	Positioner Type	FOUNDATION FIELDBUS			Case			MAX	NOR		MIN	
三	Model No.	SEE BELOW	01									
I 0	Input Open	100 %		0	Flow	Rate	kg/h	236996	197497		98748	
	Signal Close	0 %		-								
POSITIONER	Elec.Conn.	1/2"NPT		I	In.Pre	ess.	MPaG	17. 7	17. 7		17. 7	
_	Elec.Class	II2G EEx d IIC T5			Out.F	ress.	MPaG	17. 2	17. 2		17. 2	
~	Model	_		0 N	Diff.P	ress.		0. 5	0. 5		0. 5	
CER	In./Out.Signal	_		ပ	Temp			207	207	-	207	
\Box	Elec.Conn.	_		ш	Dens	ity	(Sp. Gr.)	0. 7791	0. 7791		0. 7791	
TRANSDU	Elec.Class	_		ပ								
R	Air Set	_		\ 		lated C		148	121		58. 5	
_	Mounting	_		8	Cv%/	Signal	%	66 / 78	54 / 73	3	26 / 59	
٠.	Lubr.&Isol.Valve	_		SE			PL(dBA)	64	63		60	
ACCESS.	Grease No.	_			Shuto		MPaG	P1 23. 43	3	P2	0	
덩	Travel Stopper	_				ress.	MPaG	21.3				
	□Max □Min	-			Des.	emp.	° C	_		<u>Max</u>	225	
N	ote											
	 Positioner is p 	provided by customer to DJL F	Fac*	tor	y							01
												01

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DRESSER JAPAN, LTD. No. 01

ЭF	'EUIFI	CATION	. 3	Masone	;IIaII				
							Item No.	18	
Cus	stomer	DRAGON AR	OMATICS (ZHANGZHOU)				Date	2010/11/25	
	DRAGON AROMATICS (ZHANGZHO g No. 21-FV-060		OMATICS (ZHANGZHOU)				Serial No.	LE12A1190- 7	
Tag	· · · · · · · · · · · · · · · · · · ·						Quantity	1	
	Model No).	88-21119ASH		Air Set	78-4	10	x 1	1
	Body Typ	e	ANGLE						
	Dating		ASME CLASS 1500		Boostor Polov				

	Model No.	88-21119ASH			A:= C	_1		78-40		x 1	
	Body Type	ANGLE			Air Se	Эt		70 4 0		^ !	
ı	Rating	ASME CLASS 1500			Boos	ter Rela	21/	1_			
ı	End Connection	RTJ				fer Val		_			
ı	Flange Face Finish	AS PER STANDARD				Up Val		_			
ı	Bonnet Type	STANDARD				Set Pre		_			
7	Body Size	DN25				ne Tan		1_			
	Trim Size	1/2"			VOIGI	ile Tall	N.				
Ω	Trim Form	SINGLE		S							
ı	Characteristic	LINEAR		ш							
ı	Rated Cv	6		RI							
ı	Leakage Spec.	CLASS 5		0							
ı	Leakage Spec.	ULASS 5		SS							
	Body	ASTM A216 Gr-WCC		ш		Model	l No	_			
ı	Plug	Stellite #6		C	e e	Energ		_			
ı	Seat Ring	316 SS HF Bore		ΑC	alve		nergized	- -			
<u> </u>	Retainer or Cage	630 (H1150M) Cr. Plated			>		al Reset				
≺	Guide Bushing	-			<u>0</u>		nal Box	- -			
~	Stem	660 SS (1/2")			Solenoid	Elec.S		_			
Щ	Gasket	T#1808-GR-H00			<u>e</u>	Elec.C		-			
ΑŢ	Gland Packing	P#6610/ P#6710			So	Elec.C		 -			
≥	Gland O-ring	F#0010/ F#0710		ł		Model		_			
ı	Seal Ring	_			눈등	Positio		-	_		
ı	Conical Spring	_			Limit Switch	Elec.C		_			
	Flow to	OPEN			Limit Switch	Elec.C		_			
I.	Signal Increase to	OPEN			bn	Sig./S		<u> </u>	/1/4"	MDT	
ACT	Fail Position	CLOSE			.≒ .≝	Tube		316 ST. ST.		INI	
F	Actuator Type	DIAPHRAGM		RS	Air Piping	Fitting		DOUBLE-FE			
≃	Size	# 10 (REVERSE) (A)		ш		Body	13	RED	MINULLO		
ACTUATOR	Spring Range	0. 145 - 0. 310 MPa		王	20	Yoke		RED			
IŞ	Supply Pressure	0. 40 MPa		0 T	Color	Act'r Case		RED			
ΙĢ	Rated Travel	20. 32mm (0. 8")			ت	Hand		RED			
_	Handwheel	YES (SIDE)			Fluid	riaria	WIIOOI	cycle H2			
	Positioner Type	ELEC/PNEUMA. (HART)			Case			MAX			
隠	Model No.	SEE BELOW	01		Ouoc			III U C			
POSITIONER	Input Open	20 mA	-	0 N	Flow	Rate	Nm3/h	12000			
IΞ	Signal Close	4 mA		1	1 1011	rtato		1.2000			
S	Elec.Conn.	1/2″NPT		-	In.Pre	ess.	MPaG	13. 54			
<u> </u>	Elec.Class	II1GD EEx iaIIC T4		ND	Out.F		MPaG	3			
~	Model	-		N 0	Diff.P		MPa	10. 54			
CER	In./Out.Signal	_		0	Temp		° C	66			
	Elec.Conn.			kg/Nm3	0. 183						
ΙS	Elec.Class	_		CE		,	<u> </u>				
TRANSDU	Air Set	_		\ 	Calcu	lated C	Cv	2. 79			
-	Mounting	-		~		Signal		46 / 45	/	/	
	Lubr Plaal Valva	Yes		SE			PL(dBA)	90			
SS	Grease No.	D 955]	Shuto		MPaG	P1 16.46	P2	0	
ACCESS.	Travel Stopper	_				Press.	MPaG	14. 96			
\forall	□Max	-			Des.		° C	_	Max	x 150	
N	ote										
1	In he Conformed	e To be Conformed to NACE MR0175-2002									

•To be Conformed to NACE MR0175-2002•Positioner is provided by customer to DJL Factory

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DRESSER JAPAN, LTD. No. 01



Customer DRAGON AROMATICS (ZHANGZHOU) Item No. 19 DRAGON AROMATICS (ZHANGZHOU) Date 2010/11/25 Serial No. Serial No. LE12A1190-8 Quantity 1									 - 				
	Model No.		51-41325DR				Air Se	et		78-40		x 1	
	Body Type		GLOBE							78-40 W/0	GAUGE	x 1	
	Rating		ASME CLASS 1500					er Rela		_			
	End Connect		RTJ					fer Val		78-80S		x 1	
	Flange Face		AS PER STANDARD					Up Val		08-805		x 1	4
>	Bonnet Type		STANDARD					Set Pre		0.20 MPa			_
0 D Y	Body Size		DN150 6"				Volun	ne Tanl	K	_			+
B(Trim Size		CAGE			S							_
	Trim Form Characteristic	_	EQ%			ш							+
	Rated Cv	· ·	360			RI							+
	Leakage Spe	ъС	CLASS 4			S 0							
	Lounago ope	,0.	OLNOO 4			S							
	Body		ASTM A216 Gr-WC	С		CE	45	Model	l No.	_			\top
	Plug		630 (H1150D) SS			ပ	Valve	Energ		_			$\top \top$
	Seat Ring		316 SS HF Seat			⋖	Va		nergized				
AL	Retainer or C	Cage	6 NM SS Cr. Pla	ted				Manua	al Reset				
RI	Guide Bushir	ng	Stellite #6				Solenoid		nal Box	_			
ш	Stem		630 (H1150M) SS	(3/4")			en	Elec.S		_			
ΑT	Gasket		P#2600-H00-M				Sol	Elec.C		_			\perp
Š	Gland Packir		V#VFT-22/V#6399	L				Elec.C		_			
	Gland O-ring			DTCC			Limit Switch	Model Position		_			_
	Seal Ring Conical Sprir		Press. energized	PIFE			<u>=</u> ±	Elec.C		_	-		+
z	Flow to	ig	CLOSE				S.	Elec.C					
	Signal Increa	ise to	<u>-</u>				pu	Sig./S		_	/1/4	"NPT	+
AC.	Signal Increa	136 10	CLOSE				Air Piping	Tube I		316 ST. S		INI I	+
	Actuator Lvn	e 1	CYLINDER			RS	P i	Fitting		DOUBLE-FI			
3	Size Spring Range Supply Press Rated Travel		#12 (10)			HЕ		Body		RED	LITTOLLO		
AT(Spring Range	e	_			⊢	Color	Yoke		RED			
Π	Supply Press	sure	0. 20 MPa			0	00	Act'r C	Case	RED			
AC	Rated Travel		50.8mm (2")					Handy	wheel	RED			
	Handwheel		CM (SIDE)				Fluid			GENERAL I		T	
2	Positioner Ty		FOUNDATION FIEL	DBUS	0.1		Case			MAX	NOR	MIN	\perp
	Model No.		SEE BELOW		01	Z		<u> </u>	1 /1	00000	010107	05000	
]			100 %			0	Flow	Rate	kg/h	260000	216197	95802	+
POSITI	Signal Elec.Conn.	Close	0 % 1/2"NPT			I 1 I	In Dro		MPaG	14. 8	14. 8	14. 8	
P0	Elec.Class		<u>I/Z NFI</u> II1GD EEx iaIIC	TA		D I	In.Pre		MPaG	14. 65	14. 65	14. 65	_
	Model		-	14		Z	Diff.P		MPa	0. 15	0. 15	0. 15	+
Ë	In./Out.Signa	nl .	_			00	Temp		° C	67	67	67	
TRANSDUCER	Elec.Conn.		_			ш	Densi			0. 9836	0. 9836	0. 9836	
NSI	Elec.Class		_			ပ		,					
RA	Air Set		_			V.	Calcu	lated C	CV .	256	210	91. 7	
	Mounting		_			8		Signal%		71 / 78	58 / 71	25 / 51	
ς.	Lubr.&Isol.Va	alve	_			SE			PL(dBA)	60	59	55	
	Grease No.		_				Shutc		MPaG	P1 20.02	2 P2	2 0	
00	Travel Stopp		_					ress.	MPaG	18. 2	1	100	\perp
	<u>□Max</u> ote	□Min					Des.1	emp.	° C	_	Ma	ax 100	+
			rovided by cust to NACE MR0175-		Fact	tory	y						01
													\vdash
				By	М	C h	ibaya	ma	Da	ev.Date 20	110/12/27	No.	
				Dy	ITÍ.	UII	nuya	mu .	110	Date 20	10/14/41	NO.	<u> </u>

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Cu	PECIFI stomer		OMATICS (ZHANGZHOU) OMATICS (ZHANGZHOU)	on	eı	ıar			Item I Date Seria Quan	2010 I No. <u>LE12</u>	/11/25 A1190- 9	
					,							
	Model N		87–41325			Air S	et		78-40		Х	1
	Body Ty	pe	GLOBE						-			
	Rating		ASME CLASS 1500				ter Rela		<u> </u>			
	End Con		RTJ				sfer Val		78-80S (L	<u> OCKUP) </u>	Х	1
		ace Finish	AS PER STANDARD				Up Val		_			
_	Bonnet 7		STANDARD				Set Pre		0.35 MPa			
0 D Y	Body Siz		DN80			Volur	ne Tan	k	-			
B 0	Trim Size		3"									_
	Trim For		CAGE		ES							
	Characte		EQ%		Z.							
	Rated C		140		0.							_
	Leakage	Spec.	CLASS 4		SS							_
	D .		ACTM ACTC OF WOO		ш							_
	Body		ASTM A216 Gr-WCC		00	Valve	Mode		_			_
	Plug	~	630 (H1150D) SS		¥	<u>~</u>	Energ		_			_
٩L	Seat Rin	or Cage	316 SS HF Seat 6 NM SS Cr. Plated					nergized al Reset	<u> </u>			+
∠	Guide B		Stellite #6			<u>p</u>		nal Box	_			-
П	Stem	usining	660 SS (5/8")			2		Supply	_			_
Ш	Gasket		P#2600-H00-M			Solenoi	Elec.C		_			_
ΑT	Gland Pa	acking	P#6610/ P#6710			S	Elec.C		_			_
≥	Gland O		-						_			_
	Seal Rin		Press. energized PTFE			i: 5	Position		1_	-		_
	Conical		-			Limit Switch	Elec.C		_	ı		
Z	Flow to		CLOSE			75	Elec.C		_			\neg
		crease to	_			ති			_	/1/4′	'NPT	
8	Signal In Fail Posi Actuator	ition	LOCK (OPEN)		S	Air iping	Tube		316 ST. ST	T. TUBE		
	Actuator	Туре	DIAPHRAGM		8	P.	Fitting		DOUBLE-FE	RRULES		
R	Size Spring R Supply F Rated Tr		# 16 (DIRECT) (A)		뷔		Body		RED			
A	Spring R	ange	0.040 - 0.205 MPa		0 T I	Color	Yoke		RED			
2	Supply F	Pressure	0. 35 MPa		0	100	Act'r C	Case	RED			
9	Rated Tr	ravel	50. 8mm (2")				Hand	wheel	RED			
	Handwh	eel	YES (SIDE)			Fluid			cycle H2			
2	Position	er Type	FOUNDATION FIELDBUS			Case	;		MAX	NOR		
\equiv	Model N	0.	SEE BELOW	01	2			T //		10701		
\equiv	Input	Open	100 %		0	Flow	Rate	Nm3/h	140283	46761		+
$\frac{1}{2}$	Signal	Close	0 %		I.			MD 0	10.00	10.00		_
<u>8</u>	Positione Model N Input Signal Elec.Cor Elec.Cla	<u>nn.</u>	1/2"NPT		D I	In.Pro		MPaG MPaG	16. 29 15. 5	16. 29 15. 5		_
		SS	II1GD EEx iaIIC T4		N	Diff.F	Press.	MPa	0. 79	0. 79		+
띪	Model In./Out.S	Pignol			00	Temp		° C	97	97		+
\cong	Elec.Cor		_			Dens		kg/Nm3	0. 183	0. 183		+
<u>S</u>	Elec.Cla		_		CE	Della	пту	Ng/ Nillo	0. 100	0. 100		_
TRANSDUCER	Air Set	33	_		i N	Calcı	ulated C	:v	77	24. 5		+
Ë	Mounting	n	_		R.		/Signal ⁹		55 / 85	17 / 55	/	_
			Yes		ш			PL(dBA)	78	78	,	\top
SS	Grease I		D 955		S		off Pr.	MPaG	P1 20. 79		0	
ACCESS.	Travel S		_				Press.	MPaG	18. 9			
9	□Max	 □Min	_				Temp.	° C	_	Ma	x 200	
N			to NACE MR0175-2002 provided by customer to DJL	Fac	tor	у						01
												\vdash

Rev.Date 2010/12/27 20-1 By M. Shibayama

DRESSER JAPAN, LTD. No. 01

10EA1486A_

2011/04/28

_	ONTROL VALV			ı İlar	1		Item No.	24	
Cu		OMATICS (ZHANGZHOU)				_	Date	2010/11/25	
Та	g No. 21-FV-082	OMATICS (ZHANGZHOU)					Quantity	<u>LE12A1190-10</u> 1	
	Model No.	88-41325		Air S	et .	78-4	10	x 1	П
	Body Type	GLOBE		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Gi	_			
ı	Rating	ASME CLASS 1500		Boos	ter Relay	_			
ı	End Connection	RTJ			sfer Valve or	_			
ı	Flange Face Finish	AS PER STANDARD		Lock	Up Valve	_			
L	Bonnet Type	STANDARD			Set Press.	_			
ODY	Body Size	DN80		Volur	ne Tank	_			
80	Trim Size	REDUCED							
1 "	Trim Form	CAGE	ES						
	Characteristic	EQ%							
	Rated Cv	56	0 R						
ı	Leakage Spec.	CLASS 4	S						
			ES_						
ı	Body	ASTM A216 Gr-WCC	_ ပ	υ	Model No.	-			
ı	Plug	630 (H1075) SS	A C	a / v	Energized	-			
Ι.	Seat Ring	410 SS		Va	De-Energized	-			
=	Retainer or Cage	6 NM SS Cr. Plated		0	Manual Reset	_			
۳. ت	Guide Bushing	440C SS		Solenoid	Terminal Box	-			
ш	Stem	630 (H1075) SS (5/8")		e	Elec.Supply	-			
ΑŢ	Gasket	P#2600-H00-M		0	Elec.Conn.	-			_
=	Gland Packing	V#VFT-22/V#6399L		<u></u>	Elec.Class	-			_
	Gland O-ring	-		유	Model No.	-			
ı	Seal Ring	Press. energized PTFE		Limit Switch	Position	-		_	_
	Conical Spring	_]: - - - -	Elec.Conn.	-			_
	Flow to	CLOSE				-		/ . / . // . /	
ACT.	Signal Increase to	_		_ 5e	Sig./Supply Tube Mat'l	-		/1/4″NPT	₩
Ž	Fail Position	CLOSE	_\v	ip i	Tube Mat'l		ST. ST. TUE		₽
 ~	Actuator Type	DIAPHRAGM	 		Fittings		BLE-FERRUL	<u>.ES</u>	
띯	Size	# 16 (REVERSE) (A)	ᆜᄑ	_	Body	RED			\vdash

Note Positioner is provided by customer to DJL Factory

0.40 MPa

YES (SIDE)

SEE BELOW

%

100

0

1/2"NPT

50.8mm (2")

0.145 - 0.310 MPa

FOUNDATION FIELDBUS

II1GD EEx iaIIC T4

2010/12/27 24-1 No. 01 Shibayama Rev.Date

RED

RED

RED

MAX

36000

15.7

15. 55

0.15

34.5

< 50

19.3

<u>62 / 88</u>

P1 21. 23

75

(Sp. Gr.) 0.983

WATER

NOR

27582

15.7

15.55

0.15

0.983

26.4

< 50

<u>47 / 81</u>

75

Yoke

Act'r Case

Handwheel

kg/h

MPaG

MPaG

MPa

°C

MPaG

MPaG

°C

9

Fluid

Case

Flow Rate

In.Press.

Out.Press.

Diff.Press.

Calculated Cv

Cv%/Signal%

Shutoff Pr.

Des.Press.

Des.Temp.

Predicted SPL(dBA)

Temp.

Density

0 9

0 N

Ω

CON

ပ

ERV

01

POSITIONER

TRANSDUCER

ACCESS.

Spring Range

Rated Travel

Handwheel

Model No.

Elec.Conn.

Elec.Class

Elec.Conn.

Elec.Class

Mounting Lubr.&Isol.Valve

Grease No.

Travel Stopper

In./Out.Signal

Input

Signal

Model

Air Set

□Max

Supply Pressure

Positioner Type

Open

Close

□Min

MIN

13791

15.7

15.55

0.15

0.983

13. 2

< 50

P2 0

Max 150

<u>23 / 63</u>

01

01



Date Date Date Date Date Sorial No. Date Sorial No. Date Sorial No. Date Date Sorial No. Date Date Sorial No. Date		OL VAL\ CATION					ì		ltom	No. 21			
Model No. 87-41325	Cu	stomer								Date	2010/		
Model No.												1190–11	
Body Type	Ta	j No.	21-11-038	<u> </u>						Quai	ntity <u>I</u>		
Body Type		Model No		97_41395	$\overline{}$	Т	10			78-40		v 1	
Rating					-	-	Air Se	et				Λ 1	+
Figure 1			<u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>		+	1	Boost	ter Rela	a\/				+
Filange Face Finish			nection		+						I UCKIID)	y 1	+
Second Type						-				70 000 (LOOKOI /		\vdash
Comparison					+	1		•		0 35 MPa			+
Time Form	_				+	1							\vdash
Time Form	10			3"	_	1	Volum	10 1411					
Characteristic E0% Rated Cv	В												\top
Rated CV													\vdash
Leakage Spec. CLASS 4					+	2							\vdash
Body					+								\vdash
Body		Leakage	Орсс.	OLAGO 4	+			-					
Plug		Body		ASTM A216 Gr-WCC				Model	l No	_			+-
Retainer or Cage 6 NM SS Cr. Plated						3	\ e			_			\vdash
Retainer or Cage 6 NM SS Cr. Plated					+		<u>a</u>						+
Stem	_				_	1				_			
Signal Packing	¥				-	1	<u>-</u>			_			
Calculated CV Figor Figor Calculated CV Figor Figo	2		Silling	660 SS (5/8")		-	l u			_			+-
Calculated CV Figor Figor Calculated CV Figor Figo	Ш						1 =			_			\vdash
Gland O-ring	` ≺		cking			1	Sc						+-
Seal Ring	\geq					1							+
Flow to Close Flow to Close Flow to Close Flow to Close Flow Red Flo					-		는 등				1_		+
Flow to CLUSE				-		-	<u>.</u>			_			+-
Signal Increase to -	_		pring	CLOSE			J⊗			_			\vdash
Actuator Type	_ _	Signal In	crease to				90	Sig /S		_	/1/4"	NPT	\vdash
Actuator Type	AC.	Fail Posi	tion	LOCK (OPEN)		1	. <u>-</u> . <u>E</u>	Tube !		316 ST S			1
Size		Actuator	Type		+		Pi ⊅	Fitting					1
Handwheel	~		Туро		_	ш			,0		LIMOLLO		+
Handwheel	1		ange			Έ	0						_
Handwheel	⋛					0	0		:ase				1
Handwheel	5					1	Ö						\vdash
Positioner Type	_				+		Fluid		WITOOT				
Model No. SEE BELOW Discrete Discret					-					MAX	NOR		
Model	띮				01		Juou						1
Model	6				1		Flow	Rate	Nm3/h	140283	46761		_
Model	Ξ						1 10 11	rato	Tunio, II	1.10200	10701		1
Model	S				-	-	In Pre	288	MPaG	16 29	16 29		1
Model	\mathbb{F}				-								
In./Out.Signal -			<u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>		+	Z							
CVW/signal Siz	Ä		innal	_									_
CVW/signal Signal Signal	$\stackrel{\sim}{\sim}$			_									
CVW/signal Signal Signal	<u>S</u>			_	+		Dens	ity	INS/ INIIO	0. 100	0.100		1
CVW/signal Signal Signal	≶		<i>,</i> 0	_	+	—	Calcu	lated C	`.v	72 3	23 1		+
Lubr.&Isol.Valve Yes Predicted SPL(dBA) 80 79 Shutoff Pr. MPaG P1 20, 79 P2 0 Des.Press. MPaG 18, 9 P1 20, 79 P2 0 P3 P4 P4 P4 P4 P4 P4 P4	Ë			_								/	+
Grease No. D 955 Shutoff Pr. MPaG P1 20.79 P2 0 Des.Press. MPaG 18.9					+-	ш						/	\vdash
Travel Stopper – Des.Press. MPaG 18.9 Des.Temp. °C – Max 200	SS.				+	S						0	+
Nax □Min - Des.Temp. °C - Max 200	핑				+	1					- 112	_ •	\top
	AC	□Max	□Min	_		1			° C		Max	< 200	

Note

To be Conformed to NACE MR0175-2002
Positioner is provided by customer to DJL Factory

By M. Shibayama

DRESSER JAPAN, LTD. No. 01 Rev.Date



SPECIF	ICATIONS	iviasori	Ciiaii	ltana Na	00	
Customer	DRAGON AROMATICS (ZHANG DRAGON AROMATICS (ZHANG			Item No. Date Serial No.	32 2010/11/25 LE18A1190- 2	
Tag No.	21-LV-028			Quantity	1	
						_
Model N	No. 88-78447		Air Set	78–40	x 1	
Body Ty	ype ANGLE					
l l 	A OME OLAGO 1	T 0 0	1 1			1

	Model No.	88-78447			A:- C			78-40		x 1
	Body Type	ANGLE			Air Se	Эĭ		-		^ I
ı	Rating	ASME CLASS 1500			Roosi	er Rela	ıV.	_		
ı	End Connection	RTJ				fer Val		_		
ı	Flange Face Finish	AS PER STANDARD				Up Val		_		
ı	Bonnet Type	STANDARD				Set Pre		_		
7	Body Size	DN25				ne Tanl		_		
	Trim Size	TRIM A			Volum	ie raiii	`			
Ω	Trim Form	4-STAGE (LINCOLNLOG)		S						
ı	Characteristic	MODIFIED-LINEAR		ш						
ı	Rated Cv	1		RI						
ı	Leakage Spec.	CLASS 5		0						
ı	Leakage Spec.	ULASS 5		SS						
	Body	ASTM A216 Gr-WCC		ш		Model	No	_		
ı	Plug	630 (H1150M) SS		C	e e	Energi		_		
ı	Seat Ring	Nitronic 50 or Eq.		ΑC	alve		ergized	_		
<u> </u>	Retainer or Cage	Nitronic 50 or Eq.			>		ergized al Reset	_		
≺	Guide Bushing	NITEROFFICE SOLOR EQ.			<u>.</u>		nal Box	_		
~	Stem	660 SS (1/2")			l C	Elec.S		_		
Щ		T#1808-GR-H00			Solenoid	Elec.C		_		
ΑŢ	Gasket Gland Packing	V#VFT-22/V#6399L			So	Elec.C		_		
≥	Gland O-ring	- V#VF1-22/V#0399L				Model		_		
ı	Seal Ring	_			눈등	Positio		_	_	
ı	Metal Seal	- <u>-</u>			Limit Switch	Elec.C		_	-	
	Flow to	OPEN			Limit Switch	Elec.C		_		
Z L	Signal Increase to	OF LIN				Sig./S		_	/1/4"	MDT
ACT	Fail Position	CLOSE			Air Piping	Tube I		316 ST. ST		INFI
F	Actuator Type	DIAPHRAGM		RS	₽.d	Fitting		DOUBLE-FE		
~	Size	# 10 (REVERSE) (A)		ш		Body	5	RED	INNULLS	
IC.	Spring Range	0. 150 - 0. 205 MPa		王	5	Yoke		RED		
ACTUATOR	Supply Pressure	0. 28 MPa		1 O	Color	Act'r C	,360	RED		
[5	Rated Travel	6. 35mm (1/4")			ŏ	Handy		RED		
~	Handwheel	YES (SIDE)			Fluid	Tianav	VIICCI	GENERAL L	TULLI	
	Positioner Type	FOUNDATION FIELDBUS			Case			MAX	NOR	MIN
誾	Model No.	SEE BELOW	01		Oasc			III) (7)	NOIL	
POSITIONER	Input Open	100 %	01	z	Flow	Rate	kg/h	3500	1500	600
IΞ	Signal Close	0 %		0 I	1 10 11	rtato	118/11		1000	
\mathbb{S}	Elec.Conn.	1/2"NPT		-	In.Pre	ess.	MPaG	13. 6	13. 6	13. 6
\mathbb{Z}	Elec.Class	IIIGD EEx iaIIC T4		D I	Out.F		MPaG	3. 3	3. 3	3. 3
	Model	-		O N O	Diff.P		MPa	10. 3	10. 3	10. 3
SER	In./Out.Signal	_		00	Temp		°C	60	60	60
I≌	Elec.Conn.	_		ш	Dens		(Sp. Gr.)		0. 606	0. 606
ΙŞ	Elec.Class	_		CE	201.0	,	(
TRANSDU	Air Set	_		V	Calcu	lated C	V	0. 513	0. 22	0. 0879
ΙË	Mounting	_		R V		Signal%		51 / 60	22 / 36	9 / 25
Γ	Lubr Plaal Valva	_		SE			L(dBA)	53	< 50	< 50
SS	Grease No.	_		S	Shutc		MPaG	P1 16. 45		0
ACCESS.	Travel Stopper	_		1		ress.	MPaG	14. 96	, . -	-
18	□Max □Min	_		1	Des.1		° C	-	Max	x 150
	ote					•			,	
1		to NACE MR0175-2002								

•To be Conformed to NACE MR0175-2002•Positioner is provided by customer to DJL Factory

01 01

Rev.Date 2010/12/27 32-1 By M. Shibayama

DRESSER JAPAN, LTD. No. 01

SF Cu	PECIFICAT Istomer DRAGO DRAGO 21-LV	N AROMATICS (ZHANGZHOU) N AROMATICS (ZHANGZHOU))n		lar	1	_	Item No. Date Serial No. Quantity	35 2010/11/25 LE18A1190- 3	[[
	Model No.	88-78447	\top		Air S	et	78-4	40	Х	(1	
	Body Type	ANGLE			/ 0	.	_				
	Rating	ASME CLASS 1500			Boos	ter Relay	_				
1	End Connection	RTJ		1	Trans	sfer Valve or	_				
1	Flange Face Fin	ish AS PER STANDARD]	Lock	Up Valve	_				
L	Bonnet Type	STANDARD]		Set Press.	_				
DΥ	Body Size	DN25		1	Volur	ne Tank	_				
80	Trim Size	TRIM A		1							
l [®]	Trim Form	4-STAGE (LINCOLNLOG)		ЕS							
1	Characteristic	MODIFIED-LINEAR		1							
	Rated Cv	1		8							
	Leakage Spec.	CLASS 5		S 0							
	-			S							
	Body	A351 Gr-CF8C		CE	(I)	Model No.	-				
1	Plug	630 (H1150M) SS		A C	alve	Energized	_				
Ι.	Seat Ring	Nitronic 50 or Eq.		^	۷a	De-Energized	-				
H	Retainer or Cag]	Ъ	Manual Reset	-				
R.I.	Guide Bushing	-				Terminal Box	_				
ER	Stem	630 (H1075) SS (1/2")			en	Elec.Supply	_				
۲	Gasket	T#1808-GR-K00			Solenoi	Elec.Conn.	_	·	·		
I≝	Gland Packing	P#6610/ P#6710			S	Elec.Class	-				

Gland Packing P#6610/ P#6710 Gland O-ring Seal Ring Metal Seal **OPEN** Flow to Signal Increase to Fail Position **CLOSE** ER Actuator Type DIAPHRAGM # 10 (REVERSE) Size 0. 150 - 0. 205 MPa Spring Range 0 Supply Pressure 0.28 MPa 6. 35mm (1/4'')Rated Travel Handwheel YES (SIDE) FOUNDATION FIELDBUS Positioner Type

SEE BELOW

%

II1GD EEx iaIIC T4

100

Yes

D 955

0

1/2"NPT

Air Piping Sig./Supply Tube Mat'l 316 ST. ST. TUBE DOUBLE-FERRULES **Fittings** Body o Yoke RED 3 RED Act'r Case Handwheel RED

Model No.

Elec.Conn.

Elec.Class

Position

Limit Switch

Fluid

Case

Temp.

Density

工

<u>N</u>

CON

01

4000 2300 1000 kg/h Flow Rate In.Press. MPaG 13.54 13.54 13.54 Out.Press. MPaG 1. 2 1. 2 1. 2 12.34 12. 34 12.34 Diff.Press. MPa

GENERAL

MAX

60

(Sp. Gr.) 0. 9866

ш ပ 0.42 0.241 0.105 Calculated Cv ERV 42 10 Cv%/Signal% 24 Predicted SPL(dBA) 66 63 60 P2 Shutoff Pr. MPaG P1 16.456 0

Des.Press. MPaG 14.96 Des.Temp. °C

C

Max 260

Note Positioner is provided by customer to DJL Factory

> 2010/12/27 35-1 <u>Shibayama</u> No. 01 Rev.Date

ACCESS. Travel Stopper □Max

POSITIONER

TRANSDUCER

Model No.

Elec.Conn.

Elec.Class

Elec.Conn.

Elec.Class

Mounting Lubr.&Isol.Valve

Grease No.

In./Out.Signal

Open

Close

□Min

Input

Signal

Model

Air Set

10EA1486A

2011/04/28

DRESSER JAPAN, LTD.

/1/4"NPT

MIN

60

0.9866

01

01

LIQUID

NOR

60

0.9866



		Item No.	37	
Customer	DRAGON AROMATICS (ZHANGZHOU)	Date	2010/11/25	
	DRAGON AROMATICS (ZHANGZHOU)	Serial No.	LE12A1190-12	
Tag No.	21-TV-039	Quantity	1	
_				

Model No. 87–41325				Air Set 78-4			78-40		x 1		
	Body Type	GLOBE			All St	ŧ		-		X_ I	
	Rating	ASME CLASS 1500			Boost	er Rela	av	_			
	End Connection	RTJ		•		fer Val		78-80S (L	OCKUP)	x 1	
	Flange Face Finish	AS PER STANDARD		•		Up Val		_			
	Bonnet Type	STANDARD				Set Pre		0.35 MPa			
0 D Y	Body Size	DN80				ne Tanl		-			
0	Trim Size	3"									
В	Trim Form	CAGE		S							
	Characteristic	EQ%		ΙE							
	Rated Cv	140		8							
	Leakage Spec.	CLASS 4		S 0							
	, , , , , , , , , , , , , , , , , , ,			S							
	Body	ASTM A216 Gr-WCC		CE	43	Model	No.	_			
	Plug	630 (H1150D) SS		C	Valve	Energ		_			
	Seat Ring	316 SS HF Seat		×	a		ergized	_			
۸L	Retainer or Cage	6 NM SS Cr. Plated					al Reset	_			
RI/	Guide Bushing	Stellite #6			. <u>.</u>		nal Box	_			
ER	Stem	660 SS (5/8")			Solenoid	Elec.S	Supply	_			
⊢	Gasket	P#2600-H00-M			0	Elec.C		_			
M A	Gland Packing	P#6610/ P#6710			S	Elec.C	Class	_			
_	Gland O-ring	_				Model	No.	_			
	Seal Ring	Press. energized PTFE			Limit Switch	Positio	on	_	-		
	Conical Spring	-			. <u>=</u> . <u>=</u>	Elec.C	Conn.	_			
Z	Flow to	CLOSE			75	Elec.C Sig./S Tube I	Class	_			
Ţ	Signal Increase to	_			. 20	Sig./S	upply	_	/1/4"	NPT	
ΥC	Signal Increase to Fail Position	LOCK (OPEN)		S	i i	Tube I	Mat'l	316 ST. ST	T. TUBE		
	Actuator Type	DIAPHRAGM		_	P.	Fitting	S	DOUBLE-FE	RRULES		
OR	Size Spring Range Supply Pressure Rated Travel	# 16 (DIRECT) (A)		무	_	Body		RED			
ΑT	Spring Range	0.040 - 0.205 MPa		0 T H	Color	Yoke		RED			
	Supply Pressure	0. 35 MPa		0	<u> </u>	Act'r C	Case	RED			
AC	Rated Travel	50. 8mm (2")				Handy	vheel	RED			
	Handwheel	YES (SIDE)			Fluid			cycle H2			
~	Positioner Type	FOUNDATION FIELDBUS			Case			MAX	NOR		
POSITIONER	Model No.	SEE BELOW	01	_							
10	Input Open	100 %		0	Flow	Rate	Nm3/h	140283	46761		
Ι.	Signal Close	0 %		-							
SO	Elec.Conn.	1/2"NPT		I	In.Pre		MPaG	16. 29	16. 29		
<u> </u>	Elec.Class	II1GD EEx iaIIC T4		ND	Out.P		MPaG	15. 3	15. 3		
~	Model	_		0	Diff.P		MPa	0. 99	0. 99		
CER	In./Out.Signal	-		ပ	Temp	١.	° C	97	97		
	Elec.Conn.	-		ш	Dens	ity	kg/Nm3	0. 183	0. 183		
TRANSDU	Elec.Class	_		ပ							
RA	Air Set	_		/ 		lated C		68. 5	22	,	
_	Mounting	_		8		Signal%		49 / 82	16 / 53	/	
ιċ.	Lubr.&Isol.Valve	Yes		SE			PL(dBA)	82	79		
SS	Grease No.	D 955			Shutc		MPaG	P1 20. 79) P2	0	
ACCESS.	Travel Stopper	_			Des.F		MPaG	18. 9			
М	□Max □Min	-			Des.1	emp.	° C	_	Max	200	
N	ote										

 $\cdot \text{To be Conformed to NACE MR0175-2002}$ $\cdot \text{Positioner}$ is provided by customer to DJL Factory

By M. Shibayama

DRESSER JAPAN, LTD. No. 01 Rev.Date 10EA1486A_ 2011/04/28



		Item No.	_ 39	
Customer	DRAGON AROMATICS (ZHANGZHOU)	Date	2010/11/25	
	DRAGON AROMATICS (ZHANGZHOU)	Serial No.	LE12A1190-13	
Tag No.	21-TV-072	Quantity	1	
· ·				

	Model No.	87-41325			Air Se	et		78-40		Х	1
	Body Type	GLOBE						_			
	Rating	ASME CLASS 1500			Boos	ter Rela	ay	_			
	End Connection	RTJ			Trans	fer Val	ve or	78-80S (I	LOCKUP)	Х	1
	Flange Face Finish	AS PER STANDARD			Lock	Up Val	ve	_			
_	Bonnet Type	STANDARD			;	Set Pre	ess.	0.35 MPa			
_	Body Size	DN80			Volur	ne Tan	k	_			
0	Trim Size	3"									
Θ	Trim Form	CAGE		S							
	Characteristic	EQ%		ΙE							
	Rated Cv	140		2							
	Leakage Spec.	CLASS 4		S 0							
				S							
	Body	ASTM A216 Gr-WCC		CE	45	Mode	l No.	_			
	Plug	630 (H1150D) SS		ပ	Valve	Energ		_			
	Seat Ring	316 SS HF Seat		V	a a		nergized	_			
۸L	Retainer or Cage	6 NM SS Cr. Plated					al Reset	_			
	Guide Bushing	Stellite #6		-	· <u></u>		nal Box	_			
R.	Stem	660 SS (5/8")) i		Supply	_			
ΗE	Gasket	P#2600-H00-M			Solenoid	Elec.0		_			
⋖	Gland Packing	P#6610/ P#6710			Š	Elec.0		_			
≥	Gland O-ring	-			_	Mode		_			
	Seal Ring	Press. energized PTFE		-	11 5	Positi		_	_		
	Conical Spring	-			Limit Switch	Elec.0		_			
z	Flow to	CLOSE				Flec (_			
_	Signal Increase to	-			Air Piping	Sig./S		_	/1/4	"NPT	
ACT	Fail Position	LOCK (OPEN)		S	. ≒ .⊨	Tube		316 ST. S			
	Actuator Type	DIAPHRAGM		R	P. A	Fitting		DOUBLE-FI			
8	Size	# 16 (DIRECT) (A)		무		Body	,	RED			
¥	Size Spring Range Supply Pressure Rated Travel	0.040 - 0.205 MPa		0 T H	Color	Yoke		RED			
\equiv	Supply Pressure	0.35 MPa		0	0	Act'r (Case	RED			
9	Rated Travel	50. 8mm (2")				Hand	wheel	RED			
	Handwheel	YES (SIDE)			Fluid			cycle H2			
~	Positioner Type	FOUNDATION FIELDBUS			Case			MAX	NOR		
岁	Model No.	SEE BELOW	01								
$^{\circ}$	Input Open	100 %		0	Flow	Rate	Nm3/h	140283	46761		
	Signal Close	0 %		-							
POSITIONER	Elec.Conn.	1/2"NPT		I	In.Pre		MPaG	16. 29	16. 29		
<u> </u>	Elec.Class	II1GD EEx iaIIC T4		N D	Out.F		MPaG	15. 6	15. 6		
2	Model	_		0	Diff.P		MPa	0. 69	0. 69		
ICER	In./Out.Signal	_		ပ	Temp		° C	97	97		
걸	Elec.Conn.	_		ш	Dens	ity	kg/Nm3	0. 183	0. 183		
TRANSDU	Elec.Class	_		l C				00.7	00.1		
≥	Air Set	_		>		lated (82. 7	26. 1	,	
	Mounting			ER		Signal		<u>59</u> / 87	19 / 57	/	
S.	Lubr.&Isol.Valve	Yes		S			PL(dBA)	75	75		_
ACCESS.	Grease No.	D 955				off Pr.	MPaG	P1 20. 79	9 P2	0	
ပ္ပ	Travel Stopper	_				ress.	MPaG	18. 9	M -	000	
		-			Des.	Temp.	° C	-	∣₩a	x 200	
N	ote	+0 NACE MD017E 2002									
		to NACE MR0175-2002	E004	- ~ -	.,						01
	- rusitioner is p	provided by customer to DJL I	aci	LUT	у						01 01
					UI						

Rev.Date 2010/12/27 39-1 By M. Shibayama
DRESSER JAPAN, LTD. No. 01 10EA1486A_ 2011/04/28

Masoneilan

		Item No.	40	
Customer	DRAGON AROMATICS (ZHANGZHOU)	Date	2010/11/25	
	DRAGON AROMATICS (ZHANGZHOU)	Serial No.	LE12A1190-14	
Tag No.	21-TV-081	Quantity	1	
-		-		

	Model No.	87-41325			Air Se	et		78-40		Х	1
ı	Body Type	GLOBE			•	•		_			
ı	Rating	ASME CLASS 1500			Boost	er Rela	ay	_			
ı	End Connection	RTJ			Trans	fer Val	ve or	78-80S (I	_OCKUP)	Х	1
ı	Flange Face Finish	AS PER STANDARD			Lock	Up Val	ve	_			
L	Bonnet Type	STANDARD			;	Set Pre	SS.	0.35 MPa			
<u></u>	Body Size	DN80			Volun	ne Tanl	k	_			
0	Trim Size	3"									
<u> </u>	Trim Form	CAGE		ES							
ı	Characteristic	EQ%		Ш							
ı	Rated Cv	140		2							
ı	Leakage Spec.	CLASS 4		S 0							
ı				S							
	Body	ASTM A216 Gr-WCC		CE	42	Model	No.	_			
ı	Plug	630 (H1150D) SS		ပ	>	Energ		_			
ı	Seat Ring	316 SS HF Seat		⋖	Valve		ergized	_			
۱ ۲	Retainer or Cage	6 NM SS Cr. Plated					al Reset	_			
_	Guide Bushing	Stellite #6			Solenoid		nal Box	_			
ER	Stem	660 SS (5/8")			L C	Elec.S		_			
A T	Gasket	P#2600-H00-M			0	Elec.C		_			
×	Gland Packing	P#6610/ P#6710			Š	Elec.C		_			
-	Gland O-ring				_	Model	No.	_			
ı	Seal Ring	Press. energized PTFE			흔들	Positio	on	_	_		
ı	Conical Spring	-			Limit Switch	Elec.C	Conn.	_	•		
Z	Flow to	CLOSE				Elec.C	Class	_			
Ŀ	Signal Increase to	-			Air Piping	Sig./S		_	/1/4"	NPT	
ACT	Fail Position	LOCK (OPEN)		S	i j	Tube	Mat'l	316 ST. S	T. TUBE		
	Actuator Type	DIAPHRAGM		8	P:	Fitting	S	DOUBLE-FI			
뽕	Size	# 16 (DIRECT) (A)		뮢	_	Body		RED			
Α	Spring Range	0.040 - 0.205 MPa		0 T I	o	Yoke		RED			
ACTUATOR	Supply Pressure	0.35 MPa		0	00	Act'r C	Case	RED			
18	Rated Travel	50. 8mm (2")				Handy	wheel	RED			
	Handwheel	YES (SIDE)			Fluid			cycle H2			
یما	Positioner Type	FOUNDATION FIELDBUS			Case			MAX	NOR		
闿	Model No.	SEE BELOW	01								
POSITIONER	Input Open	100 %		0 N	Flow	Rate	Nm3/h	140283	46761		
=	Signal Close	0 %		-							
S	Elec.Conn.	1/2"NPT		I	In.Pre	ess.	MPaG	16. 29	16. 29		
╚	Elec.Class	II1GD EEx iaIIC T4		Q N	Out.F	ress.	MPaG	15. 5	15. 5		
ER	Model	_		\circ	Diff.P	ress.	MPa	0. 79	0. 79		
빙	In./Out.Signal	_		ပ	Temp		° C	97	97		
	Elec.Conn.	_		ш	Dens		kg/Nm3	0. 183	0. 183		
S	Elec.Class	_		ပ							
TRANSDUC	Air Set	_		- N		lated C		77	24. 5		
Ľ	Mounting	_		8		%/Signal%		55 / 85	17 / 55	/	
ښا	Lubr.&Isol.Valve	Yes		SE			PL(dBA)	78	78		
ŠŠ	Grease No.	D 955		-	Shutc		MPaG	P1 20. 79	9 P2	0	\perp
ACCESS.	Travel Stopper	_			Des.F		MPaG	18. 9	ı		\perp
		_			Des.1	emp.	° C	_	Max	x 200	\perp
N	ote	+- NAOF MD017F 0000									

To be Conformed to NACE MR0175-2002
Positioner is provided by customer to DJL Factory

Rev.Date 2010/12/27 40-1 By M. Shibayama

DRESSER JAPAN, LTD. No. 01 10EA1486A_ 2011/04/28

SPE	CIFICATION	IS	Masone	ilan			
Custon	ner <u>DRAGON AR</u>	ROMATICS (ZHANGZHOU)			Item No. Date	<u>41</u> <u>2010/11/25</u>	
Tag No		ROMATICS (ZHANGZHOU)			Serial No. Quantity	<u>LE12A1190-15</u> 1	
Mod	del No.	87-41325		Air Set	78-40	x 1	
Boo	dy Type	GLOBE			_		
Rat	ting	ASME CLASS 1500		Booster Relay			
End Connection		RTJ		Transfer Valve or	78-80S (LOCKL	JP) x 1	
Flai	nge Face Finish	AS PER STANDARD		Lock Up Valve	_		

	Model No.				Air Set		/8-40 x 1					
	Body Type	GLOBE						_				
	Rating	ASME CLASS 1500			Booster Relay		_					
	End Connection RTJ				Transfer Valve or		78-80S (I	_OCKUP)	x 1			
	Flange Face Finish				Lock	Up Val	/e	_				
1.	Bonnet Type			1	;	Set Pre	SS.	0.35 MPa				
ODY	Body Size	DN80			Volume Tank		_					
	Trim Size	3"									1	
Ω	Trim Form	CAGE		S							\top	
	Characteristic	EQ%		Ш							_	
1	Rated Cv	140		~							_	
1	Leakage Spec.	CLASS 4		S 0							+	
1	Lourage opeo.	OENOO 4		S							+	
	Body	ASTM A216 Gr-WCC		Ш		Model	No	_			+	
1	Plug	630 (H1150D) SS		00	'a l ve	Energ		_			+-	
ı	Seat Ring	316 SS HF Seat		Ā	<u>a</u>		ergized	_			+-	
<u> _</u>					>			_			+-	
<	Retainer or Cage	6 NM SS Cr. Plated			<u>p</u>		al Reset	-			_	
R I	Guide Bushing	Stellite #6			9		nal Box	_			+-	
ш	Stem	660 SS (5/8")			<u>6</u>	Elec.S						
 	Gasket	P#2600-H00-M			Solenoid	Elec.C		-				
Ψ	Gland Packing	P#6610/ P#6710				Elec.C		-				
1	Gland O-ring				는 당	Model		-	_			
1	Seal Ring	Press. energized PTFE			<u>ب</u> ٿا	Position		- -				
	Conical Spring	-			Limit Switch	Elec.C		-				
	Flow to	CLOSE			_ s	Elec.C						
	Signal Increase to	_			~ 50	Sig./S		- /1/4"NPT		<u>NPT</u>		
¥	Fail Position	LOCK (OPEN)	o		Air	Tube I		316 ST. ST. TUBE				
1	Actuator Type	DIAPHRAGM		8	Pi /	Fitting	S	DOUBLE-FERRULES				
R	Size	# 16 (DIRECT) (A)		0 THE		Body		RED				
ΑĪ	Spring Range	0.040 - 0.205 MPa			0	Yoke		RED				
	Supply Pressure	0.35 MPa			Color	Act'r C	ase	RED				
PC	Rated Travel	50. 8mm (2")			Handw		vheel	RED				
ı	Handwheel	YES (SIDE)			Fluid	•		cycle H2				
~	Positioner Type	FOUNDATION FIELDBUS			Case			MÁX	NOR			
삘	Model No.	SEE BELOW	01									
POSITIONER	Input Open	100 %	T.	0 N	Flow	Rate	Nm3/h	140283	46761			
ΙΞ	Signal Close	0 %		-			,				_	
S	Elec.Conn.	1/2"NPT		-	In.Pre	ess.	MPaG	16. 29	16. 29			
\mathbb{Z}	Elec.Class	II1GD EEx iaIIC T4		0	Out.F		MPaG	15. 4	15. 4		_	
L.	Model	-		N D	Diff.P		MPa	0. 89	0. 89		+	
黑	In./Out.Signal	_		00	Temp		° C	97	97		+-	
DUCER	Elec.Conn.	_			Density		kg/Nm3	0. 183	0. 183		+	
S	Elec.Class	_		CE	Dens	ıty	Ng/ Millo	0. 100	0.100		+-	
TRANSI	Air Set	1_) I (Calc	lated C	`v	72. 3	23. 1		+-	
l _E				>				52 / 83	17 / 54		+-	
\vdash	Mounting			ER	Cv%/Signal% Predicted SPL(dBA)		80	79	/	+		
Š	Lubr.&Isol.Valve	Yes	-	S						^	+	
贸	Grease No.	D 955		-		toff Pr. MPaG			P1 20. 79 P2 0			
100	Grease No. Travel Stopper Max Min	_		-		ress.	MPaG	18. 9	14	200	+	
<u> </u>	□Max □Min	-			Des.	emp.	° C	_	Max	200	+	
I N	ote	+- NACE MD0175 2002										

By M. Shibayama

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<sup>To be Conformed to NACE MR0175-2002
Positioner is provided by customer to DJL Factory</sup>



Model No. 21-TV-083	Customer DRAGON AROMATICS (ZHANGZHOU) DRAGON AROMATICS (ZHANGZHOU)							Item No. 43 Date 2010/11/25 Serial No. LE12A1190-16					
Body Type	⊺ag No.	21-TV-083	i <u> </u>						Qua	antity 1			
Rating						Air Sc	et		78-40			Х	1
End Connection		ре	GLOBE						_				
Flange Face Finish													
Bonnet Type			n RTJ					78-80S	(LOCKUP)		X	1	
Section Control Cont					4			_				\rightarrow	
Trim Form	Bonnet				4				0.35 MP	a			
Trim Form	Body Siz		DN80		-	Volun	ne Tan	k	-				
The Form Characteristic CO% Rated CV 140 Was Leakage Spec. CLASS 4 Was Was CLASS 4 Was W	^ · · · · · · · · · · · · · ·				-								\dashv
Rated CV													\rightarrow
Retailed Spec. CLASS 4 CLASS 4													\dashv
Body													4
Body	Leakage	Spec.	GLASS 4										\dashv
Plug	D 1 -		ACTM A01C C. WOO		ш		N4I - I	I NI -					+
Retainer or Cage 6 NM SS Cr. Plated Guide Bushing Stell lite #6 660 SS (5/8") 660 SS (5/8") 660 SS (5/8") 6 660 SS (5/8") 6 6 6 6 5 6 6 6 5 6 6						e			-				+
Retainer or Cage 6 NM SS Cr. Plated Guide Bushing Stell lite #6 660 SS (5/8") 660 SS (5/8") 660 SS (5/8") 6 660 SS (5/8") 6 6 6 6 5 6 6 6 5 6 6					¥	<u>a</u>	ManuelDarat		-				+
Suring Stell Ite #6 Stem 660 SS (5/8") Stee Stem 660 SS (5/8") Stee Stee				_	-								+
Gland Packing	Cuido B				1	<u> </u>			1_				+
Gland Packing	∠ Ctom	usining				<u> </u>							\dashv
Gland Packing	_					<u>e</u>			 				+
Gland O-ring	5 0	acking			1	S Flec Class			_				+
Seal Ring			-		1	_			_				\top
Signal Increase to			Press energized PTFF		1	<u> </u>			- -				\exists
Signal Increase to			-			ا <u>ٿ</u> ٿا.			-				\dashv
Signal Increase to Calculated Trype	≥ Flow to		CLOSE		1	Flec.Class		-				\top	
Size		ncrease to				20	Sig./Supply Tube Mat'l		- /1/4"NPT				T
Size	Fail Pos	ition	LOCK (OPEN)			i i							
Size					8	P.	Fittings						
Handwheel YES (SIDE) Positioner Type FOUNDATION FIELDBUS Model No. SEE BELOW O1 Input Open 100 % Signal Close O % Input Close O % Input Close O	5 Size		# 16 (DIRECT) (A)		ш		Rody						
Handwheel YES (SIDE) Positioner Type FOUNDATION FIELDBUS Model No. SEE BELOW O1 Input Open 100 % Signal Close O % Input Close O % Input Close O	Spring F	≀ange			-	Yoke RED							
Handwheel YES (SIDE) Positioner Type FOUNDATION FIELDBUS Model No. SEE BELOW O1 Input Open 100 % Signal Close O % Input Close O % Input Close O	Supply [² ressure	0. 35 MPa		0	8	Act'r C	Case					
Handwheel YES (SIDE) Positioner Type FOUNDATION FIELDBUS Model No. SEE BELOW O1 Input Open 100 % Signal Close O % Input Close O % Input Close O	Rated Travel						Hand	wheel					
Model No. SEE BELOW Dinput Open 100 % Signal Close 0 % Close 0 % Close O der	Handwheel												
Model	Position					Case			MAX	NOR			_
Model	<u> </u>			01	_		_	N 0 /I	1.10000	40704			+
Model	≟ Input					Flow	Rate	Nm3/h	140283	46/61			\dashv
Model	Signal				<u>-</u>	In Da		MD - C	10.00	10.00			+
Model	5 Elec.Co				—								\dashv
In./Out.Signal	Model				2								+
Lubr.&Isol.Valve Yes Corease No. D 955 Des.Press. MPaG 18.9	In /Out Signal												+
Lubr.&Isol.Valve Yes Corease No. D 955 Des.Press. MPaG 18.9	Flec Conn				1								+
Lubr.&Isol.Valve Yes Corease No. D 955 Des.Press. MPaG 18.9	2 Flec Cla		_			Della	ity	Ng/ Nillo	0. 100	0. 100			+
Lubr.&Isol.Valve Yes Corease No. D 955 Des.Press. MPaG 18.9	Air Set		_			Calcu	ılated C	:v	68. 5	22			\dashv
Lubr.&Isol.Valve Yes Grease No. D 955 Shutoff Pr. MPaG P1 20.79 P2 0	Mountin	a .									3		\pm
Grease No. D 955 Shutoff Pr. MPaG P1 20.79 P2 0			Yes		ш								\top
Note •To be Conformed to NACE MR0175-2002 •Positioner is provided by customer to DJL Factory	Grease No.				S						P2 ()	丁
Note •To be Conformed to NACE MR0175-2002 •Positioner is provided by customer to DJL Factory	ই Travel Stopper											\top	
Note •To be Conformed to NACE MR0175-2002 •Positioner is provided by customer to DJL Factory	ર ⊨rravei દ	IMax □Min -			1								
·To be Conformed to NACE MR0175-2002 • Positioner is provided by customer to DJL Factory	3 Travel € □Max		•		-				•		6		\dashv
 Positioner is provided by customer to DJL Factory 													-
	Note	Conformed	to NACE MR0175-2002										
l l	Note ∙To be			Fact	torv	v							

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