

## **Product Change Notice**

Doc. No.:CR.EN.04.021 Version:A0 Date:2016.07.19 Writer: Pato:Feng

Product	MX Series product	PCN#	PCN-00001	Version	Α	Revision	00
Description For Produc							
Changed the venturi m thread to venture's mount	aterial from Zinc Alloy to m ting holes. 4) Changed the gr	nagnesium alloy rounding hole th	. 2) Changed the imperent in the control of the con	eller material 14-8.	from PP301 to	magnesium a	alloy. 3) Added the
Reasons For Product C	hange						
Procuct upgrade for manu	ufacturable.						
Reference For Product	Change						
IWA							
		Type (	Of Product Change				
E	ngineering Related		-	Man	ufacturing Rela	ted	
	<b>Iftware</b> Done		Alternate or replac			Replacemen	nt
	mware Done		Improve manufac		, 	Done	
Hardware( Eletronics D Hardware			Vendor or Suppl	rer request st savings:	N/A	Internal reque	
Hardware(Mechanical D			00	ECN#	19//	ECN-00012	unit( if applicable)
Documer	ntation Done	)		Lates	t Attached with I		
		Pr	oduct Changes				
100	Orignal Design	••	Sudde Shanges	U	pgraded Design	1	
1) Venturi: Zinc Alloy, thr	ough holes for mounting,		1) Venturi: magnesiu	ım alloy, thre			
#10-32 grounding hole. 2) Impeller: PP301 materi	ial	1	8-M5, M4-8 grounding 2) Impeller: magnesion				
2) Impolior: 11 oo 1 maton		[] PI	2) impolier. magnesic	arri anoy.			
:							<b>≫</b>
		P	PREPARED BY				
	_			- 1/ 2 /	· 0		
Engineering: Ltv.	Tey Donythery		DATE:	<u>v167.</u> ( 7/19.20	· <b>y</b>		
Production:	Donn Shows		DATE:	7/19.20	.16		
	J		-				
		A	PPROVED BY				
Engineering Manager:	ato. Fey	-	DATE:	7.16.7.1	P		
	7 100			1/19.20	16		
Production Manager:	He Dony sho	rg/					
Sales Manager:	Stelly (cir	, )	DATE:	7.19.7	w16		
Quality Manager:	David Shoria		DATE: <u> </u>	2016.	2.19		
					,		
General Manager:	Robert Dode	M	DATE:				



## **Product Change Notice**

Doc. No.:CR.EN.04.021 Version:A0 Date:2016.07.19 Writer: Pato Feng

					Trinois i dio.i o	***			
Product	SU Series product	PCN#	PCN-00002 Versio	n A	Revision	00			
Description For Product	Change			.1	<u>. I </u>				
Changed the venturi mathread to venture's mounting	terial from Zinc Alloy to many to the group of the group	agnesium alloy. ounding hole thr	2) Changed the impeller material ead from #10-32 to M4-8.	al from PP301 to r	nagnesium alloy.	3) Added the			
Reasons For Product Cha	ange								
Procuct upgrade for manuf	acturable.								
Reference For Product C	hange								
N/A									
		Type (	Of Product Change						
	gineering Related			nufacturing Relat					
	tware Done		Alternate or replacement par		Replacement				
	ware Done		Improve manufactureabilit	700	Done				
Hardware( Eletronics De	sign) Done		Vendor or Supplier reques	i l	nternal request				
Hardware(			Cost savings	Ľ N/A	unit	if applicable			
Hardware(Mechanical De	sign) Done		ECN	#	ECN-00012				
Document	ation Done		Late	est Attached with E	CN				
		Pri	oduct Changes						
	Orignal Design		Upgraded Design						
1) Venturi: Zinc Alloy, thro	ugh holes for mounting		1) Venturi: magnesium alloy,8-N	15 mounting holes,					
#10-32 grounding hole.		No.	M4-8 grounding hole.						
2) Impeller: PP301 materia	l		2) Impeller: magnesium alloy.						
		E # 1							
	. <								
	8	- 1 H.			2				
		Р	REPARED BY						
			1-	) 10					

Engineering: R	. 7·ay	DATE: 7. 16.7.
Production:	He Dony sheng	DATE: 2016.7.19
		APPROVED BY
Engineering Manager:	Pota Pene	DATE: Z=U.). If
Production Manager:	He Dongshong	DATE: 2016.7.19
Sales Manager:	selly Coo	DATE: 20/6. 7. 9
Quality Manager:	DowielZhang	DATE: 2016.7.19
General Manager:	R. Doch	DATE:

ENGINEERING CHANGE NOTICE												
Customer Notification required: (yes) □ (no) □								ECN#:00012				
Customer Approval required: (yes) □ (no) □ (Attached customer EC						r ECO	Sheet: 1 of 2					
(Originator completes Step 1 thru Step 6)									Priority: 1			
Step 1	Originator: Pato.Feng Product: MX and					/IX and	SU ser	ries		Date:	2016.07.18	
Step 2				Desci	ription o	of Cha	ange					***************************************
Product u	pgrade for M	/IX and SU	series struc					om Zinc	Alloy t	o magnesiu	m alloy. 2.	For SU series changed the
Product upgrade for MX and SU series structure. 1. Changed the venturi from Zinc Alloy to magnesium alloy. 2. For SU series changed the impeller from Zinc Alloy to magnesium alloy. 3. Added the thread to venture's mounting holes. 4. Changed mounting hole thread from #10-32 to M4*8												
Step 3 Reason: changed the structure and material for the venturi and impeller.												
Step 4       Main Description of Material: MX and SU series       Not Applicable: Not Applic								**************************************				
Step 5		Requirea: Y	es⊔ No LU	/					<del></del>	<del>``</del>	N/A	
Description							lt	tem gro	up: l	N/A		
Same As	: N/A						V	Narehou	use co	de: N/A		
	y date start:		Effectively					Statistics				
Step 6	Disposition		ed Part(s)	Attach sh	eet if de	eviati	on dis	positio	n is dil	ferent from	final ECN	l disposition
	ng disposition		Internal		Externa	al		Stock Lo		Stock F	Remote	Product at customer site
☐ No affect ☐ Cancel al		No affect- □ Rework:	use up	No affect	-use up		No affect-use up		No affect-use up		No affect	
☐ Hold curr		☐ Rework:	TOM form	☐ Rework:	ATOM form	n	☐ Rewo			☐ Rework: ☐ Scrap: (ATOM form		□ Inform customer of findings □ Recall
□ Change o	ty of PO	required) required) req		require	red)		required)		□ Quarantine			
☐ Order nev			ttach sheet wit			et with	□ Othe	r: (Attach	sheet	□ Other: (Att	ach sheet	□ Rework at customer site
☐ Other: (A detailed des	ttach sheet with	detailed des ☐ Tooling re		detailed de:  ☐ Tooling r				letailed description) with detailed description    Tooling required   Tooling required				☐ Other: (Attach sheet with detailed
detailed det	ocipuon)	- rooming ro	oquirou	l roomig i	cquircu		1001	ing require	cu	1 rooming le	quireu	description)
Notes:					Numbe	er of p	pieces a	affected	: N/A			
Part# description:						ption: N	N/A					
Cost Impact: N/									<del></del>			
					Action N/A							
Does change require DV test?   Yes No If Yes, attach Design Validation Pla						lan.	an. PPAP Reference: N/A					
Responsible Please print name here Preliminary review/create x-			eate x-drav	wings		Sign and date		1 2 10				
Engineer: Pato.Feng Attached Pato.Feng 726.7.							6.).(}					
Department Approvals												
Depa	artment	Print N	lame	Signatu	ıre		Date	)			Co	omments
Engineeri Departme		Pato.F	eng	λ		167,1	1 P					
QA Departme	ent	David.Z	1	N		مه	16.7	. 19				
Productio Departme		He Dong	gsheng	/h _		-16.7.	.19					
Sourcing Departme	ent	Joe.Zł	nang	Toe draw sorb		16.7	7.19					
Sales Departme	ent	Shelly	.Cao	shells	Coo	7	20/6	7.19				
Financial Departme	ent	N/A	Α									
GM		Bob.Go	odwin //	Robert D	oder.							
Customer	•											

Product upgrade Latest SPEC: 19028420A_00_MX2B1  Product upgrade Latest SPEC: 19028421A_00_MX3B1  Product upgrade Latest SPEC: 19028268A_00_SU2B1  Product upgrade Latest SPEC: 19028331A_00_SU3B1		ECN – DRAFTING LOG	ECN No. <u>00012</u> SHEET <u>2</u> OF <u>2</u> PRIORITY <u>1</u>
Latest SPEC: 19028420A_00_MX2B1  Product upgrade Latest SPEC: 19028421A_00_MX3B1  Product upgrade Latest SPEC: 19028268A_00_SU2B1  Product upgrade	Product upgrade		
Product upgrade Latest SPEC: 19028421A_00_MX3B1  Product upgrade Latest SPEC: 19028268A_00_SU2B1  Product upgrade	Latest SPEC: 19028420A_00_MX2B1		
Product upgrade Latest SPEC: 19028268A_00_SU2B1 Product upgrade	Product upgrade		
Product upgrade	Product upgrade		
	Product upgrade		
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