

DOC NO		G-MP-						
OPERATING				TYPE		ELLICLOID GEAR PUMP		
Capacity	3.5~5	l/min	0.21~0.3	m ³ /h	(In Relief)			
Suc Press	-0.5	kgf/cm ² G	PUMP					
Dis Press	1.2	kgf/cm ² G	NPSH Re.		2	m		
Total Press	1.7	BarG	Eff		15	%		
NPSH Av.		m	Water Power		0.538	kw	at 0.99MPa	
			Output		0.75	kw		
			Speed		70~700	min-1		
FLUID								
Name	ZK			MATERIAL				
Temperature	200~230	°C		Casing	SCS13 + Composite Kanigen Coating			
Specific Gravity	1.02	kg/lit		Gear	SUS304 + Composite Kanigen Coating			
Viscosity	20~4.92	cp	p	Metal	CARBON			
Solid Matter	0	%		Side Plate	SUS304 + Composite Kanigen Coating			
Corrosion	PH=			The Rest				
				MOTOR				
DESIGN				Maker	MITSUBISHI			
Form of Drive	Belt			Type	d2G4 & Inverter IP54			
Direction Revolution	CW			¢	P	Kw	v	
Jacket	None			3	4	0.75	400	
Relief	Set at 2.7 barG			PAINTING		Hz	Site	
Connection	ANSI 300lb 40/25			Standard	2.5G6/3(Green)			
Seal	Double MechSeal (Quench Type)			Designated Color	Cover(2.5YR6/13=Yellow)			
	SIC vs CARBON & SIC vs CARBON							
	PACKING=KALREZ			ACCESSORIES				
				1.Base 2.Cover 3.Flange				
				4.Belt 5.Pulley 6.Anchor & Bolt				
SPARE PARTS				9.The Rest=Inverter				
MechSeal,Metal,Gasket,GearShaft,SidePlate=1Set								
TEST by MANUFACTURE				WEIGHT(Kg)	PUMP	BASE	MOTOR	TOTAL
Checkup by NIPPON CLOID					30	25	22	77
REMARKS					DATE	DEC.12.2008		
					APPROVAL	YOKOTA		
					INSPECTION	OGAWA		
					DRAW	NAKAJIMA		

NIPPON CLOID M.F.G.CO.,LTD.