

USER : NGHI SON 1 THERMAL POWER PLANT CONSTRUCTION PROJECT, VIETNAM SYSTEM : WATER TREATMENT PLANT TITLE : ROTATING EQUIPMENT DATA SHEET & DRAWING EQUIPMENT : DIAPHRAGM PUMP		
ITEM NAME	RWT NaOCl INJECTION PUMP A/B	
KKS NUMBER	18GAD91/92 AP001	
QUANTITY	2	
PUMP MAKER / COUNTRY OF ORIGIN	TOHKEMY/JAPAN	
PUMP MODEL	CM-85Y-VVF-A15-ZO42	
MAX. DISCHARGE CAPACITY (L/h)	42	
RATED DISCHARGE CAPACITY (L/h)	20	
MAX. DISCHARGE PRESSURE (bar G)	7	
HYDROTEST PRESSURE (bar G)	10.5	
PUMP HEAD DIAMETER (mm)	100	
DIAPHRAGM DIAMETER (mm)	100	
STROKE FREQUENCY (spm)	85	
MAX. STROKE LENGTH (mm)	4.5	
INSTALLATION (Indoor/Outdoor)	OUTDOOR	
LIQUID	Liquid Name	3% NaClO
	Liquid Density (kg/m <sup>3</sup> )	1300
	Liquid Specific Gravity (S.G)	1.3
	Temperature (°C)	40 MAX.
LIQUID END MATERIAL	Pump Head	PVC
	Diaphragm	PTFE
	Connector	PVC
	Valve Seat	PVC
	Check Ball	FKM
	Spring	-
	O-Ring	PTFE
MOTOR DRIVER	Manufacturer / Country of Origin:	TECO/TAIWAN
	Kw @ rpm	0.18 @ 1500
	IP Grade	55
	Insulation Class	F (B-RISE)
LUBRICATION FLUID	Crankcase	MOLINOC GREASE AP2
STROKE CONTROLS	Type:	DIAL
	Stroke Control:	MANUAL
ACCESSORIES	Internal Relief Valve	-
	External Relief Valve	-
	Back Pressure Valve	BD-60-VVF-A25
MAIN CONNECTIONS	Suction	DN15 ANSI 150#
	Discharge	DN15 ANSI 150#
PAINTING for Pump, Motor and Pump Base	Surface Preparation	As per WTP & WWTS Painting Specification (Proj Ctrl No. : NS1-18G-M-ORG-0003)
	Painting Schedule	
	Paint Thickness (DFT), micron	
	Colour	