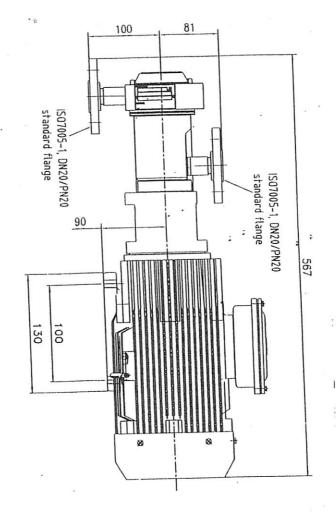
Sr.	Description	Qty
No		(Nos)
01	Self Priming Positive Displacement Pumps Coupled Electric Drive Motors	04
	Type: Eccentric Disc Type, Material of Construction: SS304L or SS316L,	
	Flow Rate at 1 cst: 2000 liter/hr,	
	Max. Pump Speed: 1000rpm, Displacing per Rev.: 0.034 liter,	
	Max. Differential Pressure: 10 bar (145 PSI),	
	Inlet Chamber Volume: 0.43 liter, Outlet Chamber Volume: 0.16 liter,	
	Allowable Particle Size: Sold/Soft: 2mm/4mm, Dynamic Viscosity: 10000 cst,	
	Mechanical Seal: SS304L or SS316L, Seal Ring: O-ring made of PTFE,	
	Working Fluid Temperature: -15°C to +120°C,	
	Suitable Drive Motor: 2.2kW, 6-Pole, 3-Phase, 400V, 50Hz, B35, IP-55,	
	Dimensions and Physical Size: As per drawing attached in Annexure A.	
02	Self Priming Positive Displacement Pumps Coupled Electric Drive Motors	04
	Type: Eccentric Disc Type, Material of Construction: SS304L or SS316L,	
	Flow Rate at 1 cst: 125 liter/hr,	
	Max. Pump Speed: 1000rpm, Displacing per Rev.: 0.0024 liter,	
	Max. Differential Pressure: 15 bar (217.60PSI),	
	Inlet Chamber Volume: 0.15 liter, Outlet Chamber Volume: 0.08 liter,	
	Allowable Particle Size: Sold/Soft: 2mm/4mm, Dynamic Viscosity: 10000cst,	
	Mechanical Seal: SS304L or SS316L, Seal Ring: O-ring made of PTFE,	
	Working Fluid Temperature: -15°C to +121°C,	
	Suitable Drive Motor: 0.55kW, 6-Pole, 3-Phase, 400V, 50Hz, B35, IP-55 Compatible with	
	VFD having Driven Frequency Range from 15Hz to 50Hz	
	Dimensions and Physical Size: As per drawing attached in Annexure B.	
03	Self Priming Positive Displacement Pumps Coupled Electric Drive Motors and Speed	04
	Reducing Gear Box	
	Type: Eccentric Disc Type, Material of Construction: SS304L or SS316L,	
	Flow Rate at 1 cst: 125 liter/hr,	
	Max. Pump Speed: 1000rpm, Displacing per Rev.: 0.0024 liter,	
	Max. Differential Pressure: 15 bar (217.60PSI),	
	Inlet Chamber Volume: 0.15 liter, Outlet Chamber Volume: 0.08 liter,	
	Allowable Particle Size: Sold/Soft: 2mm/4mm, Dynamic Viscosity: 10000cst,	
	Mechanical Seal: SS304L or SS316L, Seal Ring: O-ring made of PTFE,	
	Working Fluid Temperature: -15°C to +121°C,	
	Suitable Drive Motor: 0.55kW, 4-Pole, 3-Phase, 400V, 50Hz, B5, IP-55 Compatible with	
	VFD having Driven Frequency Range from 15Hz to 50Hz	
	Gear Box Ratio: 1:8, B35, mounting with output speed reducible to 161 rpm	
	Dimensions and Physical Size: As per drawing attached in Annexure C.	



125 Liters/Hour Pump with Motor Approximate Overall Dimensions

ANNEXURE "B"

247 170 180 125 180

W

