


TECHNICAL DATA SHEET		 Albany Pumps	
Rotary Pump			
CLIENT:	HOWDEN	DATE:	21.03.11
CLIENT O/No.	52062	ISSUE:	01
CLIENT REF:	SCW1218207001	TAG NOS:	P001A - CLOCKWISE
ALBANY REF:	M24/499		P001B - ANTI CLOCKWISE
PUMP			
MODEL:	AP9	MOUNTING:	HORIZ FOOT
CONN. SIZE & TYPE:	SUCTION: 1.5" ANSI 300 RF	DELIVERY:	1.5" ANSI 300 RF
ROTATION FACING PUMP COUPLING END:	1 - CLOCKWISE 1 - ANTI CLOCKWISE		
OUTLINE DRG NO.	35114	SECTIONAL DRG NO.	35113
HYDROSTATIC TEST PRESSURE:	52.5 KG/CM2G		
PUMP COLOUR	GREY RAL7035		
DUTY			
CAPACITY:	191.4 LPM	LIQUID:	CP-1005-68 (3% GAS SATURATION)
VISCOSITY:	9 CST AT 100°C	SG:	
SPEED:	1420 RPM	PT	5 TO 110°C
SUCTION HEAD:	0 TO 24.64 KG/CM2G	DISCH HEAD:	30.24 KG/CM2G
		NPSH R:	3.5M
		NPSH A:	
MECHANICAL			
RELIEF VALVE TYPE:	N/A		
MECH SEAL:	JOHN CRANE T109B		
SEAL CODE API:	N/A		
SEAL FLUSH PLAN:	N/A		
GLAND PACKING:	N/A		
LUBRICATION:	PRODUCT WITH GREASE ON THRUST BEARINGS		
COUPLING TYPE:	METASTREAM TSK		
WEIGHT	PUMP: 22 KG	MOTOR & BASE: 110 KG	TOTAL: 132 KG
MATERIALS			
BODY:	STEEL ASTM A216 WCB		
COVERS:	STEEL ASTM A216 WCB		
ROTORS:	STEEL EN8		
SHAFTS:	NITRIDED STEEL EN41B		
GASKETS:	VITON O-RINGS		
PACKING:	N/A		
BEARINGS:	GLACIER DU		
THRUST BEARING:	STEEL		
COUPLING GUARD:	BRASS		
BEDPLATE:	STEEL 43A BS4360	COLOUR - GREY RAL7035	
PUMP DRIVE			
DRIVER TYPE:	ELECTRIC MOTOR	MAKE:	LOHER
SPEED:	1420 RPM	POWER:	7.5KW
FRAME:	ANGK-132-MB-04	ZONE/ENCLOSURE:	TEFC EXNA II T3 42°C
PROTECTION:	IP55	SUPPLY:	380V/3PH/50HZ
		INSULATION:	CLASS F
OTHER:	GOST CERTIFIED		
	COLOUR - BLUE RAL5010		
NOTES			
CASPIAN PIPELINE			