

ARMSTRONG SUBMITTAL

Model: 4030 Starnorm-150-250-18.5 kW

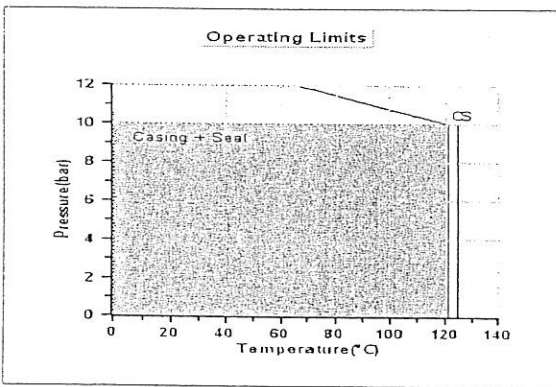
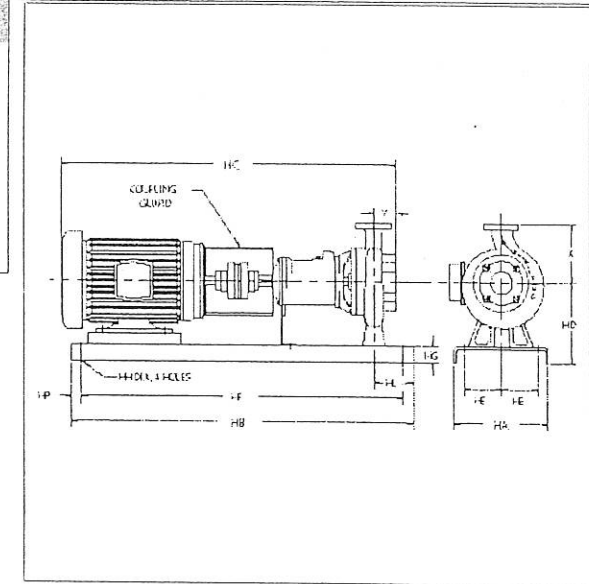
Project Number: 41.1	Representative:	
Name: RAS-Al Nahda First		
Reference: 41.1	Phone: , Fax:	
Location:	Order No:	Date: 1/1/1900
Engineer:	Submitted by: Ameen	Date: 2/20/2008
Contractor:	Approved by:	Date:

PUMP DESIGN DATA	
Tag Num	CP-1-3
Service	
Location	Al Nahda-1
Qty	3
Duty Flow	1350 USgpm
Duty Head	55 ft
PI Pipe Config	Close
PI Suction Pressure	0 m
Fluid:Percent	Water
PI Op Temp	15.55 C
PI Viscosity	31 SSU
Specific Gravity	1.0000
Suction (inches)	8
Discharge (inches)	6

MOTOR DESIGN DATA	
Motor Supplier	Customer to Supply Motor
Motor Size	18.5 kW
Mtr Frame Num.	180M
PI VFDSSetting	
Motor RPM	1500

MECHANICAL SEAL DESIGN DATA	
Manufacturer	Armstrong
Seal Type	Inside Unbalanced
Manu. Code	UKD01706-24
Rotating Face	Carbon
Stationary Seat	Silicon Carbide
Secondary Seal	EPDM
Springs	Stainless Steel
Rotating Hardware	Stainless Steel

MATERIALS OF CONSTRUCTION	
Construction	CI/GM
Flange Rating	PN16
Impeller	Gunmetal Bronze (BS1400)
Shaft Sleeve	SS (BS970 304)
Casing Gasket	Confined Non-Asbestos Fiber
Bearings	Anti-Friction Grease Lubricated
Pump Shaft	SS (BS970 316)
Coupler	Woods Sure Flex or Equal



DIMENSIONAL DATA (mm, kg) NOT for CONSTRUCTION

HA	HB	HC	HD	HE	HF	HF1	HF2	HG	HH	HL	HP	X	Y
15	43	46.66	13.5	6	40.5	(Int)	(Int)	3.5	0.75	4.5	1.25	13	4

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