

NOTE- PERFORMANCE AS PER ISO 9906 GRADE-2B

PERFORMANCE CURVE OF 8HF15 @2950 R.P.M

8HF15/Y/802352



HF RANGE

MODEL 8HF15

WORKING PRESS. 18 bar

SIZE 300x200-380

TEST PRESS. 27 bar

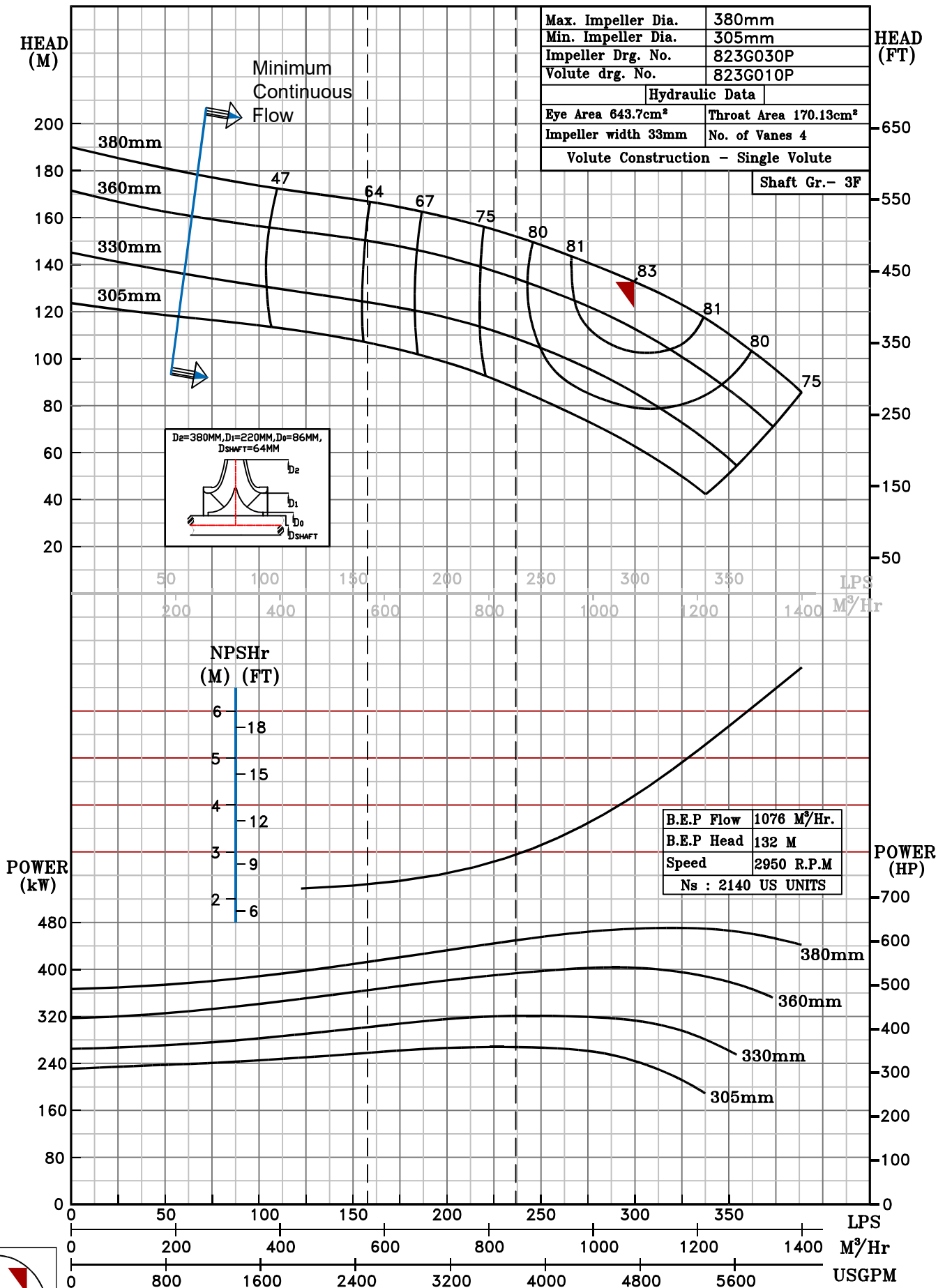
TYPE-AXIALLY SPLIT CASE SINGLE STAGE

SPEED 2950 rpm

DATE - 16.02.18

RATED CAPACITY - 2500 USGPM

PUMP PERFORMANCE CHARACTERISTICS COMPUTED BASED ON CLEAN COLD WATER S.G 1.0



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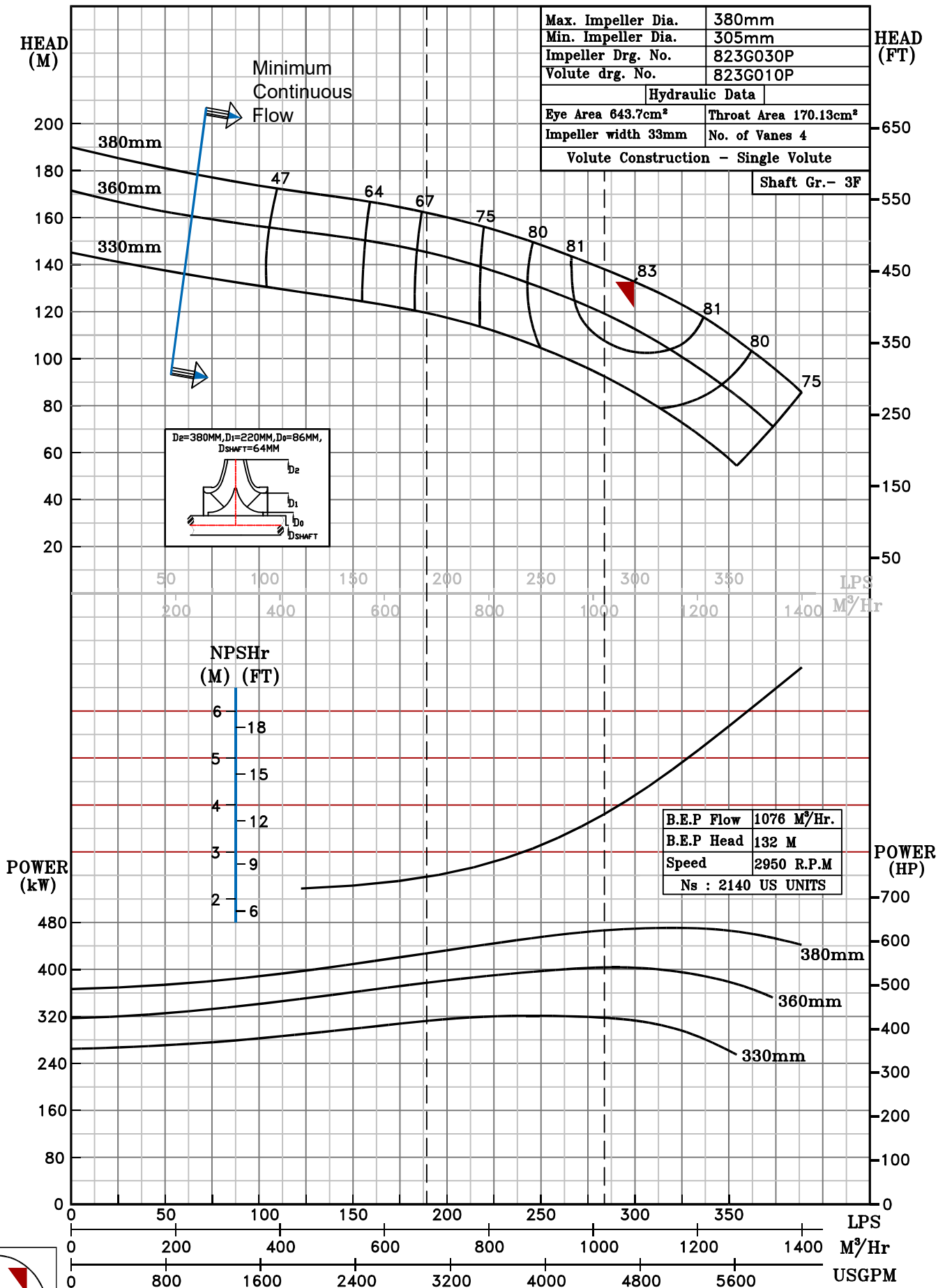
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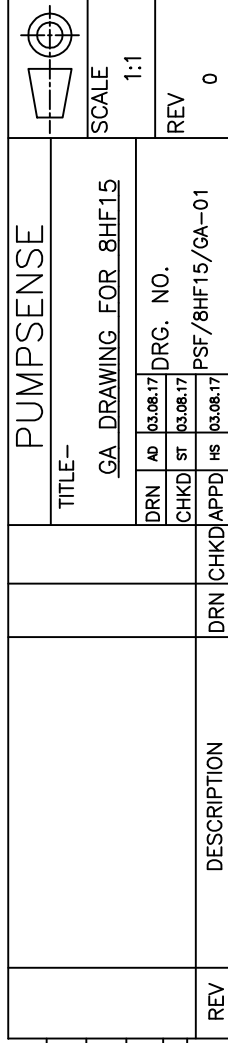
RATED CAPACITY - 3000 USGPM

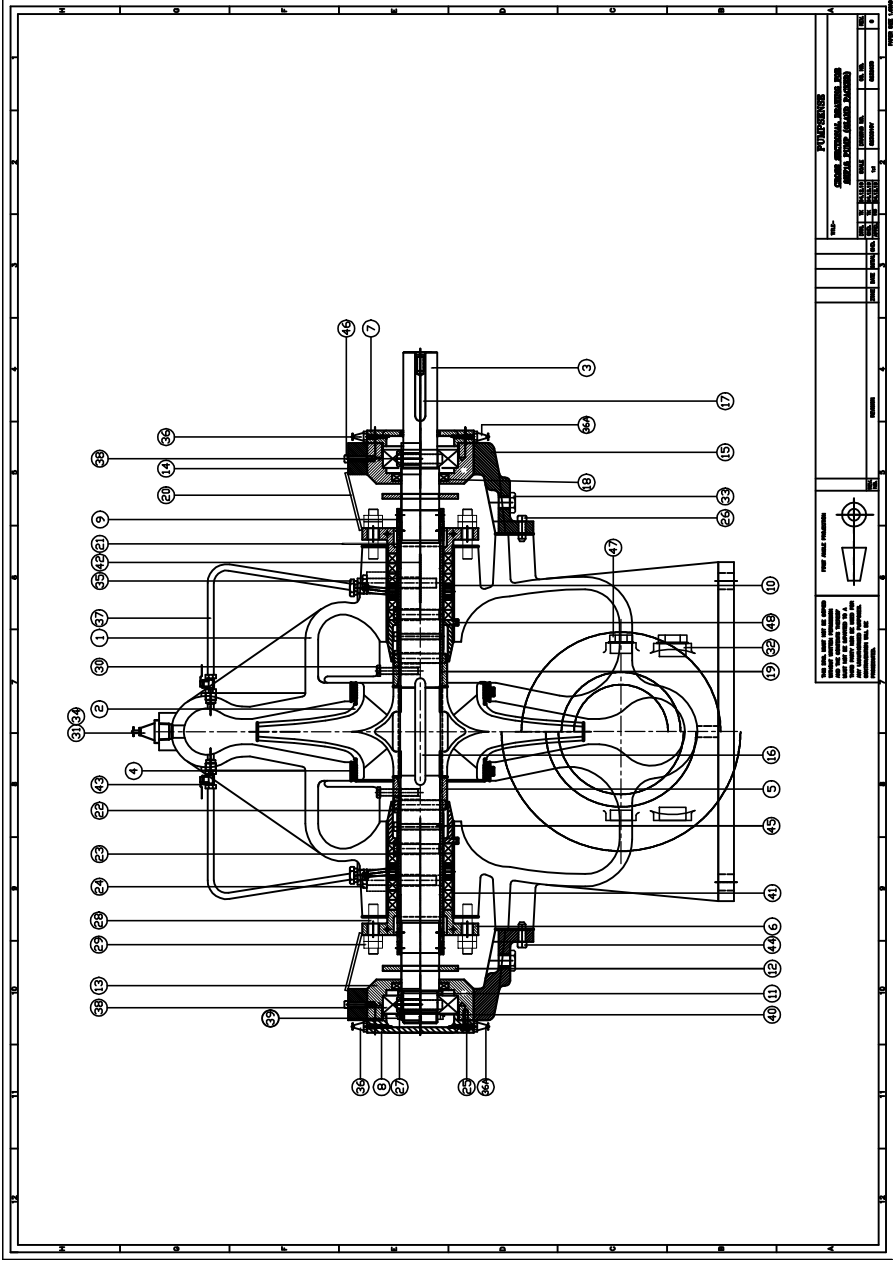
PUMP PERFORMANCE CHARACTERISTICS COMPUTED BASED ON CLEAN COLD WATER S.G 1.0



2950 RPM

GENERAL ARRANGEMENT DRAWING FOR SINGLE STAGE AXIALLY SPLIT CASE PUMP MODEL – 8HF15





Datasheet For : 8HF15			
	PARAMETERS	UNIT	VALUE
RATED DUTY	Capacity	M ³ /Hr	1080
	Total Head	Mt	130
	Speed	RPM	2950
	Type of Pump		Horizontal Single Stage Pump
	Liquid		Clear Water
	Specific Gravity		1
	Temperature	°C	32
	Driver		Electric Motor
	No. Off		1
PUMP DETAILS	Make		PUMPSENSE
	Stages		Single Stage
	Model No.		8HF15
	Discharge	mm	200
	Flange Rating Discharge		ASME/ANSI B16.1 - Class 250
	Suction	mm	300
	Suction Flange Rating		ASME/ANSI B16.1 - Class 250
	Type of Casing		Single Volute
	Type of Impeller		Shrouded Double Entry
	Impeller Diameter Max	mm	380
	Impeller Diameter Min	mm	305
	Rotation		CW
PERFORMANCE DETAILS AS RATED DUTY	Efficiency	%	86
	Rated Speed	RPM	2950
	NPSHr	Mt	5
	Power Absorbed	kW	445
	Recommended Driver Power	kW	355
	Driver Details		4 Pole, 50 Hz, 3 Phase AC Induction Motor
MECHANICAL DATA	Bare Pump Weight	kg	726
	Shaft dia. at coupling	mm	54
	N.D.E. Bearing		1 X SKF 6311 C3
	D.E. Bearing		1 X SKF 6311 C3
MATERIALS OF CONSTRUCTION	Casing		Cast Iron CI FG 260
	Impeller		Leaded Gunmetal BS 1400 LG2
	Casing Wear Ring		Leaded Bronze BS 1400 LB2
	Shaft		ASTM A 276/ A 182 Type 410
	Shaft Sleeve & Nuts		Tin Bronze/ Zinc Free Bornze BS 1400 CT1
	Gland		Leaded Gunmetal BS 1400 LG2
	Lantern Ring		Leaded Gunmetal BS 1400 LG2
	Stuffing Box		Gland Packed Fitted
	Packing		CARRARA Make Soft Packing Style R4804
	Fasteners		HTS GR. 10.9