

NRC-E 50-160 / 7,5

VFD DRIVEN INLINE PUMP



SUBMITTAL

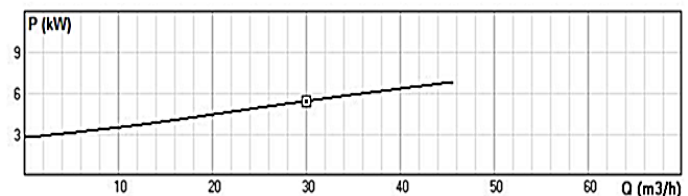
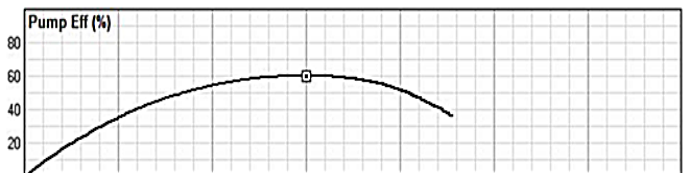
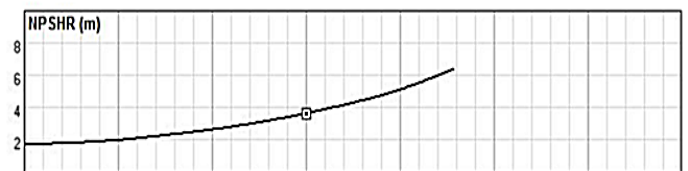
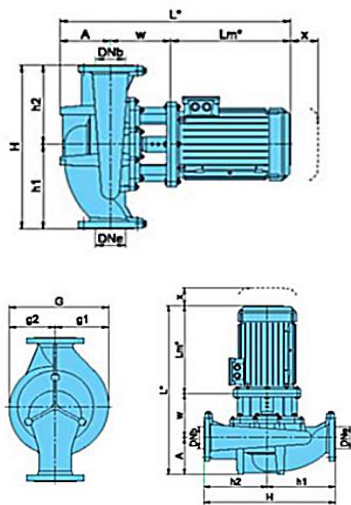
JOB: _____ ENGINEER: _____ CONTRACTOR: _____	REPRESENTATIVE: _____ _____ ORDER NO.: _____ DATE: _____ SUBMITTED BY: _____ DATE: _____ APPROVED BY: _____ DATE: _____
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PUMP DESIGN DATA	
NO. OF PUMPS	
TAG:	
CAPACITY: 30 m ³ /h	
HEAD: 40 mWC	
LIQUID: WATER	VISCOSITY:
TEMPERATURE: 120 °C	SPECIFIC GRAVITY:

MOTOR DESIGN DATA	
kW : 7,5	RPM: VFD
FRAME SIZE:	ENCLOSURE:
PROTECTION CLASS:	
VOLTS: 400	HERTZ: 50 PHASE: 3
BUILT-ON MOTOR	
FREQUENCY INVERTER MOUNTED ON MOTOR	

MATERIALS OF CONSTRUCTION	
SHAFT	AISI420 ST. STEEL
IMPELLER	CAST IRON
CASING	CAST IRON
SEALING	BURGMANN MECHANICAL - AQ1EGG

DIMENSIONS									
Dn e	Dn b	A	W	Lm	L	H	h1	h2	X
50	50	90	195	396	681	340	180	160	125
G	g1	g2							
238	124	114							



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Capacity	30,0 m ³ /h	Impeller diameter	175 mm
Head	40,0 mWC	Efficiency	60,20%
Density	1,00 g/cm ³	Power required	5,4 kW
Shut-off head	45,4 mWC	Motor power	7,5 kW
NPSH required	3,8 mWC	Speed	VFD

