

# NRC-E 40-160 / 4

## VFD DRIVEN INLINE PUMP



# SUBMITTAL

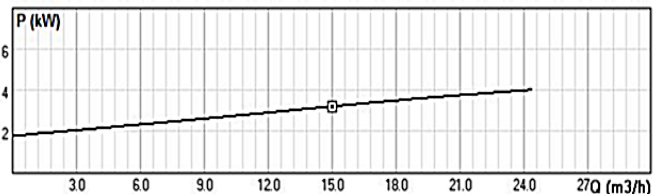
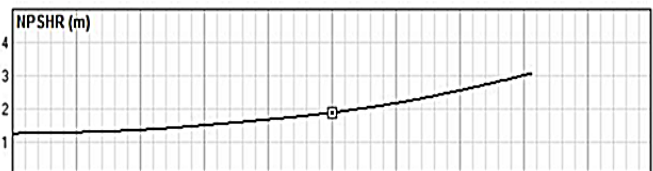
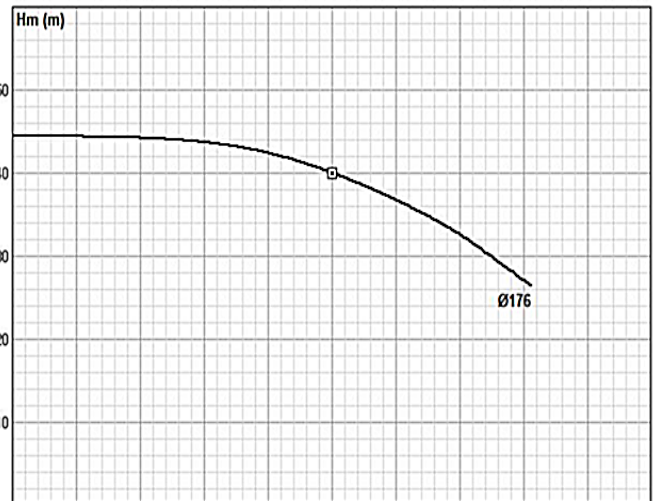
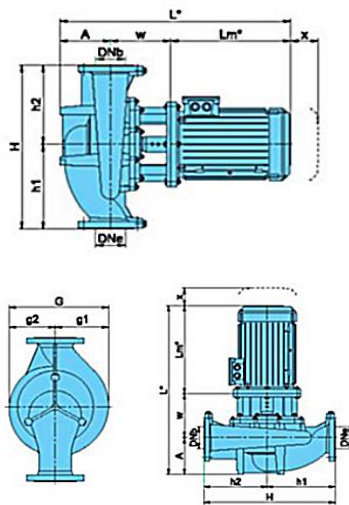
JOB: _____  ENGINEER: _____ CONTRACTOR: _____	REPRESENTATIVE: _____  ORDER NO.: _____ DATE: _____ SUBMITTED BY: _____ DATE: _____ APPROVED BY: _____ DATE: _____
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PUMP DESIGN DATA	
NO. OF PUMPS	
TAG:	
CAPACITY: 15 m <sup>3</sup> /h	
HEAD: 40 mWC	
LIQUID: WATER	VISCOSITY:
TEMPERATURE: 120 °C	SPECIFIC GRAVITY:

MOTOR DESIGN DATA	
kw : 4	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
40	40	75	165	336	576	340	180	160	125
G	g1	g2							
236	122	114							



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Capacity	15,0 m <sup>3</sup> /h	Impeller diameter	176 mm
Head	40,0 mWC	Efficiency	50,20%
Density	1,00 g/cm <sup>3</sup>	Power required	3,3 kW
Shut-off head	44,5 mWC	Motor power	4 kW
NPSH required	1,9 mWC	Speed	VFD

