

SC4-HDS 100-270 / 7,5

HORIZONTAL END-SUCTION CENTRIFUGAL PUMP



INGINER.MD

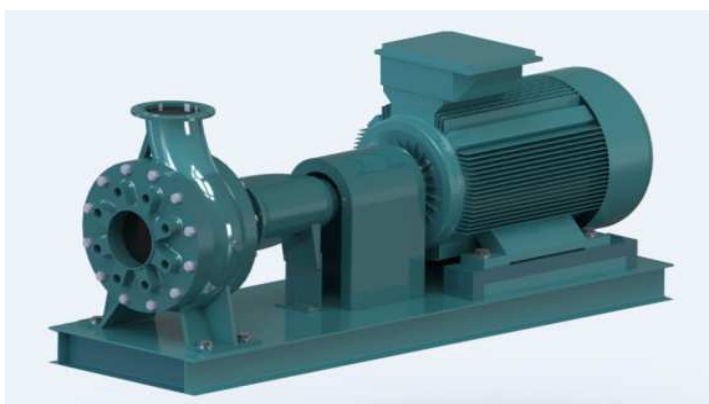
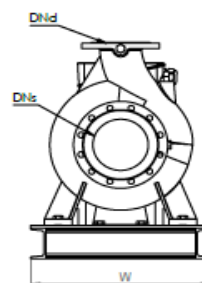
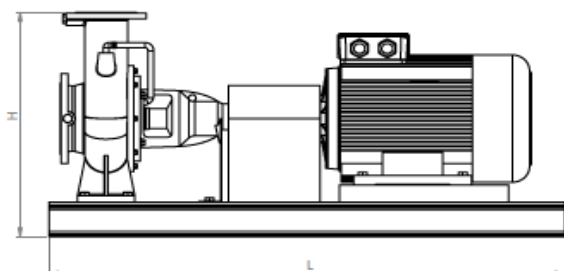
PUMP DESIGN DATA			
NO. OF PUMPS:	1		
TAG:			
CAPACITY:	100	m³/h	
HEAD:	15	mWC	
LIQUID:	SEWAGE & WASTE WATER		
TEMPERATURE:	60	°C	

MOTOR DESIGN DATA					
kW:	7,5		RPM:	1450	
PROTECTION CLASS:		IP55	EFFICIENCY CLASS:		IE3
VOLTS:	400	HERTZ:	50	PHASE:	3

MATERIALS OF CONSTRUCTION	
CASING	CAST IRON
IMPELLER	CAST IRON
SHAFT	AISI420 ST STEEL
WEAR RINGS	CAST IRON
BEARINGS	FAG / SKG
SEALING	MECHANICAL

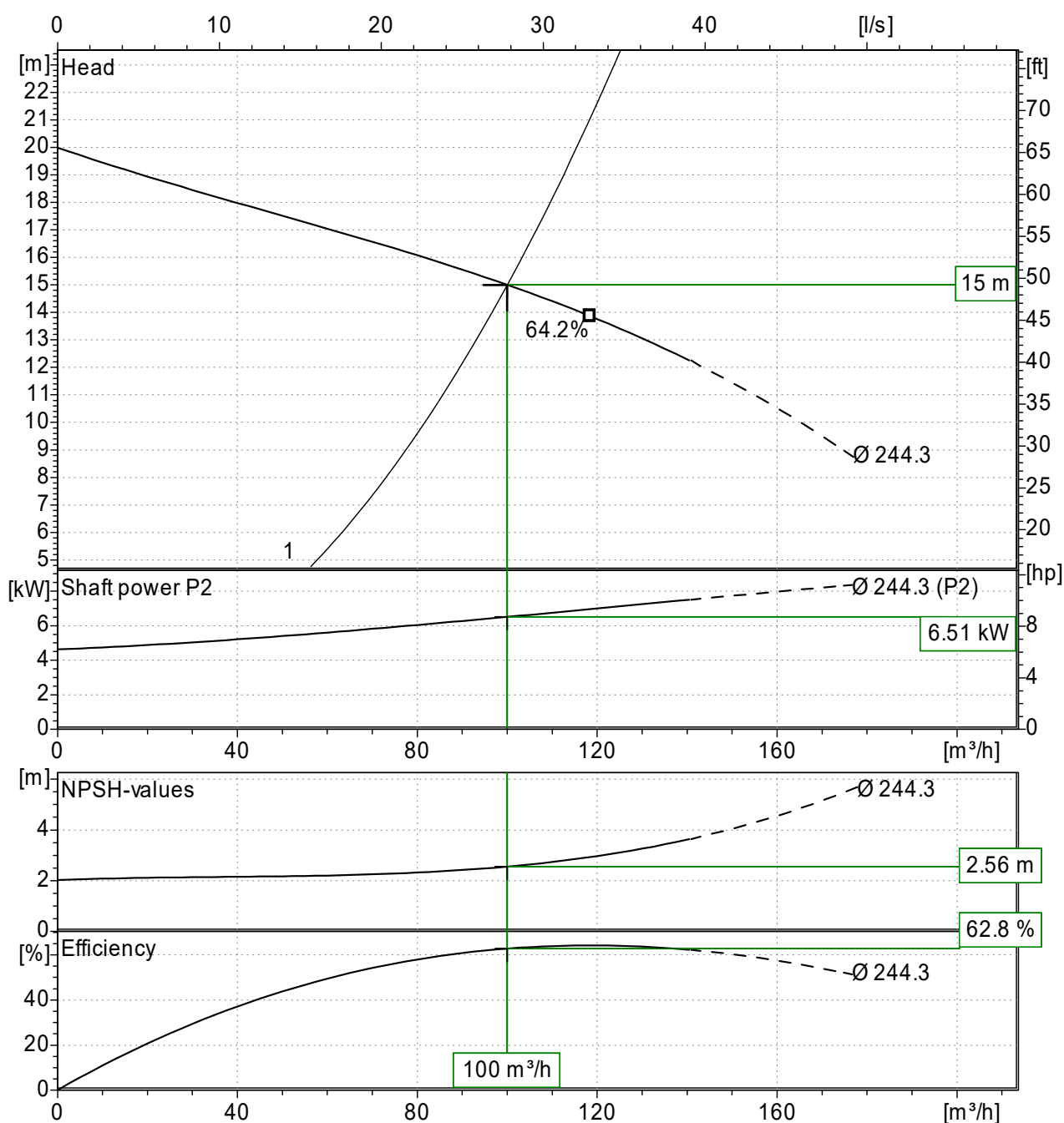
DIMENSIONS (mm)				
DNs	DNd	W	L	H
DN100	DN100	-	-	-

* Dimensions are approximated.



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Capacity	100,00 m³/h	Impeller diameter	244,3 mm
Head	15,00 mWC	Efficiency	62,80 %
Density	1,00 g/cm³	Power required	6,51 kW
Shut-off head	20,00 mWC	Motor power	7,5 kW
Free Passage Ø	76 mm	Speed	1450 rpm



$NPSH_a > NPSH_r + 1m$

Note : The motor power is not sufficient for dotted area.