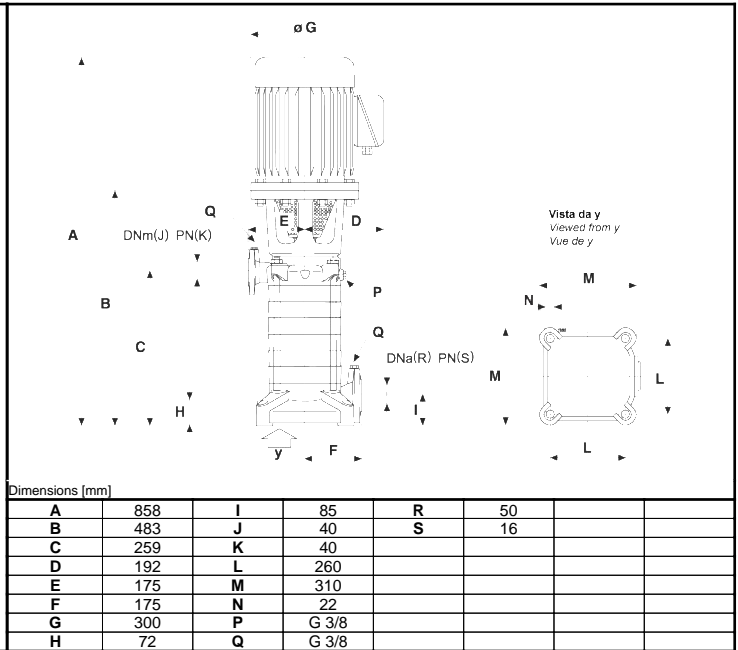
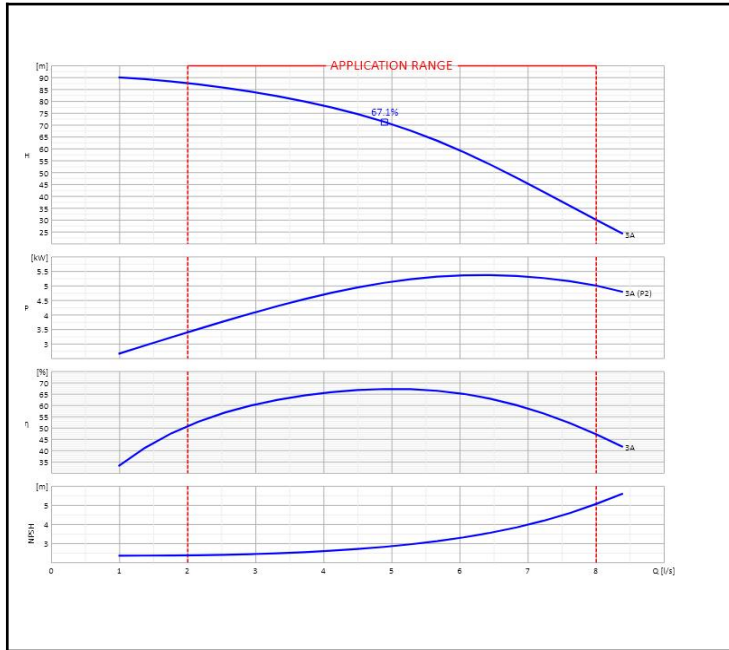


Customer:		Ref.:	
Item	Quantity	Required flow	n.d.
Type	VERTICAL MULTISTAGE ELECTRIC PUMP	Model	HVU18/3A+V30055221-V



OPERATING DATA - ISO 9906:2012 3B - M.E.I.≥0.40					CONSTRUCTION CHARACTERISTICS	
Q [l/s]	H [m]	P [kW]	η [%]	NPSH [m]	Delivery diameter	40
					Weight	134 Kg
					No. Stages	3
					Seal	Packing
					Type of installation	Vertical

OPERATING LIMITS			OPERATING CHARACTERISTICS			
pumped liquid	Water		Service flow rate	n.d.	n.d.	
Max. temp. of pumped liquid	n.d.		Service head	n.d.		
Maximum density	1	kg/dm³	Qmin	2	8	l/s
Maximum viscosity	1	mm²/s	H (Q=0)	90	87.5	m
Maximum solid content	20	g/m³	Power consumption at duty point	n.d.		
Max. number of starts/hr	n.d.		Max. power consumption	5.36 kW		
			Pump efficiency	n.d.	n.d.	n.d.
			Overall efficiency	n.d.		
			Sense of rotation (*)	Clockwise		
			Number of pumps installed	Operating	Stand-by	
				1	0	

PUMP MATERIALS		ELECTRIC MOTOR CHARACTERISTICS			
Delivery casing	Cast iron	Brand			
Suction casing	Cast iron	Model	V300552T26V11321		
Impeller	Stainless steel	Nominal power	5.5	kW	
Pump shaft	Stainless steel	Rated frequency	50	Hz	
Stuffing box	Cast iron	Rated voltage	400	V	
Bearing bush	Bronze	Rated current	10	A	
Lantern bracket	Cast iron	No. Poles	2	2906	1/min
Rigid coupling	Cast iron	Efficiency 4/4 - 3/4	87.4 - 88.2 %		
Shaft coupling	Steel	Power factor 4/4 - 3/4	0.905 - 0.874		
Diffuser	Cast iron	Type of motor	3 ~		
Casing	Cast iron	Is/In	7.7	2.2	
Shaft sleeve	Stainless steel	Ts/Tn			
Protective casing	Steel/PE	Protection class	IP55		
Packing	Graphited cord	Insulation class	F		
		Thermal protection			
		Efficiency class	IE3		

Notes:	(*) View from electric motor side		
OFFER No.	Pos.	Date	
		16/01/2020	