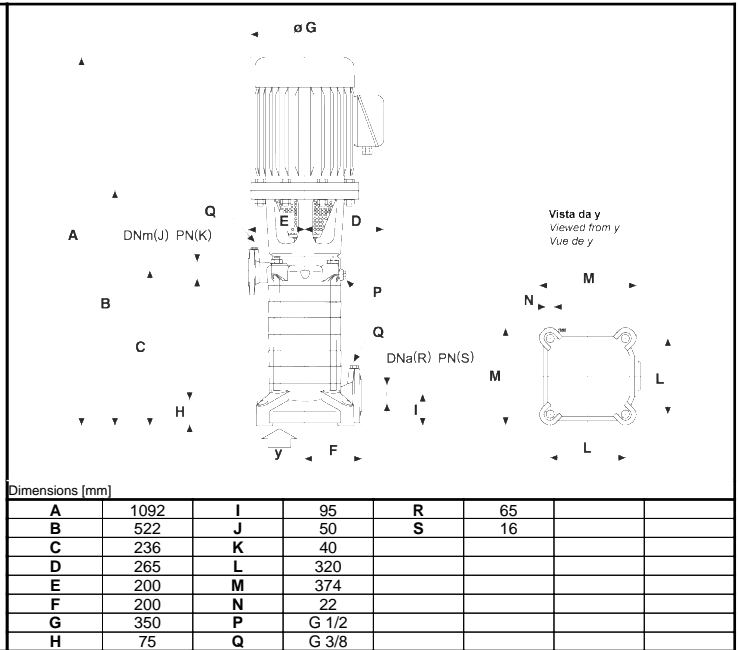
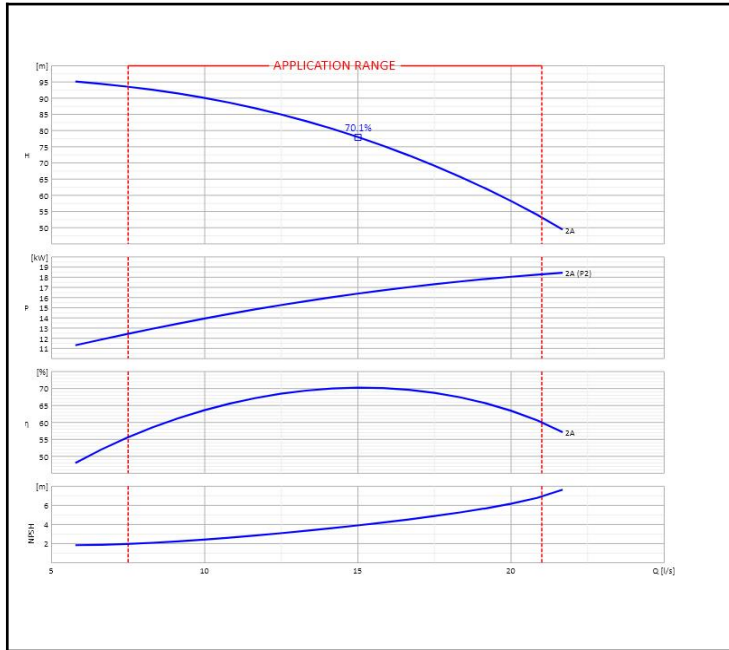


Customer:		Ref.:	
Item	Quantity	Required flow	n.d.
Type	VERTICAL MULTISTAGE ELECTRIC PUMP	Model	HVU50/2A+V30185221-V



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	50
					Weight	239 Kg
					No. Stages	2
					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.		n.d.
Maximum density	1	kg/dm ³	Qmin	7.5	21	l/s
Maximum viscosity	1	mm ² /s	H (Q=0)	93.82	93.39	m
Maximum solid content	20	g/m ³	Power consumption at duty point	n.d.		n.d.
Max. number of starts/hr	n.d.		Max. power consumption	18.24		kW
			Pump efficiency	n.d.	n.d.	n.d.
			Overall efficiency	n.d.		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	V301852T26V11601		
Impeller	Stainless steel	Nominal power	18.5	kW	
Pump shaft	Stainless steel	Rated frequency	50	Hz	
Stuffing box	Cast iron	Rated voltage	400	V	
Bearing bush	Bronze	Rated current	33.2	A	
Lantern bracket	Cast iron	No. Poles	2	2940	1/min
Rigid coupling	Cast iron	Efficiency 4/4 - 3/4	92.4 - 92.5 %		
Shaft coupling	Steel	Power factor 4/4 - 3/4	0.87		
Diffuser	Cast iron	Type of motor	3 ~		
Casing	Cast iron	Is/In	8.2	2	
Shaft sleeve	Stainless steel	Protection class	IP55		
Protective casing	Steel/PE	Insulation class	F		
Packing	Graphited cord	Thermal protection	PTC		
		Efficiency class	IE3		

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