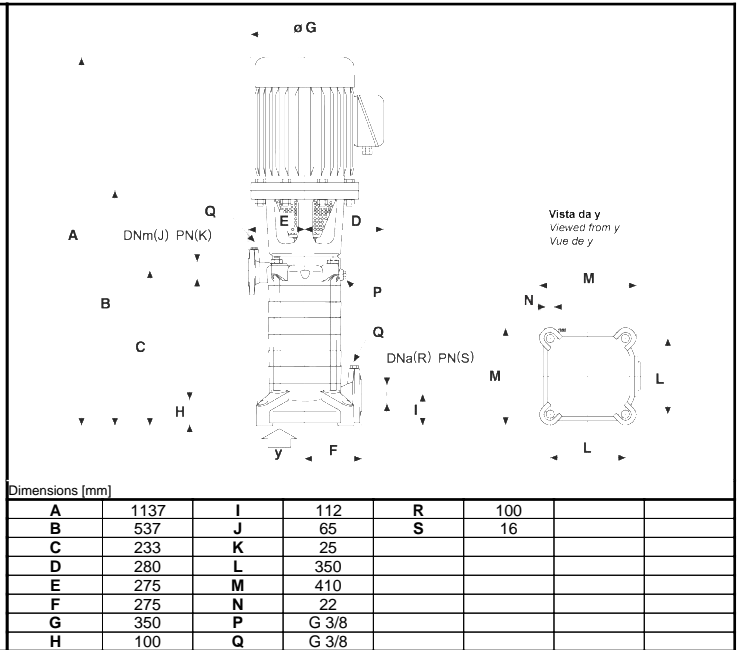
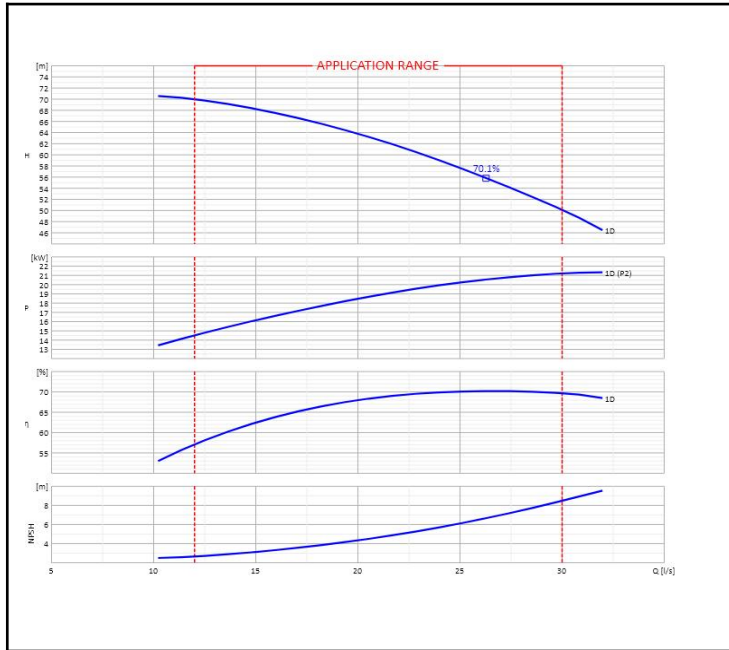


Customer:		Ref.:	
Item	Quantity	Required flow	n.d.
Type	VERTICAL MULTISTAGE ELECTRIC PUMP	Model	HV65/1D+V30220221-V



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	65
					Weight	286 Kg
					No. Stages	1
					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/dm ³	Qmin	12	30
Maximum viscosity	1	mm ² /s	H (Q=0)	69	69.9
Maximum solid content	20	g/m ³	Hmax (Qmin)	m	
Max. number of starts/hr	n.d.		Power consumption at duty point	n.d.	
			Max. power consumption	21.16 kW	
			Pump efficiency	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	Nodular cast iron	Brand		
Suction casing	Cast iron	Model	V30220226V11801	
Impeller	Cast iron	Nominal power	22	kW
Pump shaft	Stainless steel	Rated frequency	50	Hz
Stuffing box	Cast iron	Rated voltage	400	V
Bearing bush	n.d.	Rated current	38.9	A
Lantern bracket	Cast iron	No. Poles	2	2950
Rigid coupling	Cast iron	Rotation speed	1/min	
Shaft coupling	Steel	Efficiency 4/4 - 3/4	92.7 - 92.8 %	
Wear ring	Cast iron	Power factor 4/4 - 3/4	0.88	
Diffuser	n.d.	Type of motor	3 ~	
Casing	n.d.	Is/In	8.2	2
Shaft sleeve	n.d.	Ts/Tn		
Protective casing	Steel/PE	Protection class	IP55	
Packing	Graphited cord	Insulation class	F	
		Thermal protection	PTC	
		Efficiency class	IE3	

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