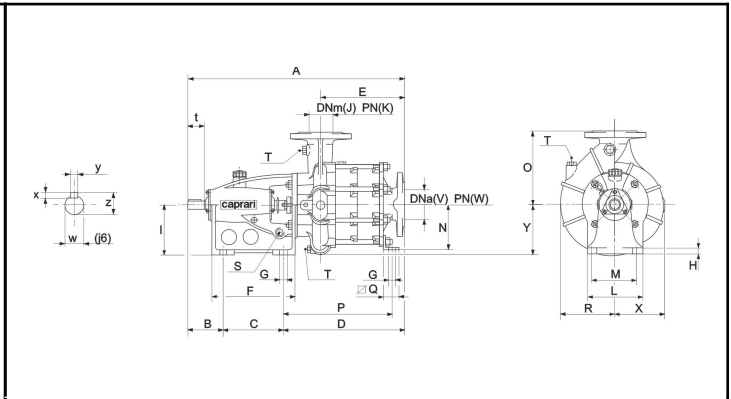
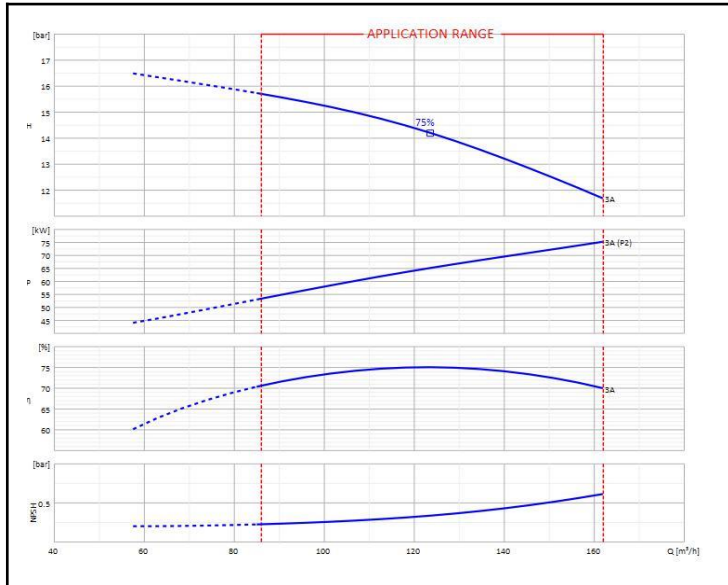


<b>Customer:</b>		<b>Ref.:</b>	
Item	Quantity	Required flow	n.d.
Type	CENTRIFUGAL PUMP WITH HORIZONTAL SHAFT	Model	MEC-MR80-4/3A



A	862	J	80	S	G 3/8"	x	8
B	152	K	16	T	G 3/8"	y	10
C	240	L	215	U	G 3/8"	z	41
D	470	M	180	V	100		
E	343	N	200	W	16		
F	330	O	325	X	222		
G	22	P	405	Y	223		
H	19	Q	45	t	80		
I	200	R	244	w	38		

OPERATING DATA- ISO 9906:2012 3B -					CONSTRUCTION CHARACTERISTICS			
Q [m³/h]	H [bar]	P [kW]	η [%]	NPSH [bar]	UNI delivery flange DN	80	PN	16
					UNI suction flange DN	100	PN	16
					Total weight	158		Kg
					No. Stages		3	
					Pump seal		Packing	
					Type of installation		Horizontal	

OPERATING LIMITS			OPERATING CHARACTERISTICS		
Pumped liquid	Water		Service flow rate	n.d.	n.d.
Max. temperature of pumped liquid	n.d.		Service head	n.d.	n.d.
Maximum density	1	kg/dm³	Qmin	86,01	162
Maximum viscosity	1	mm²/s	H (Q=0)	17,36	15,69
Max. solid content	20	g/m³	Hmax (Qmin)		
Max. no. starts/hr	n.d.		P2 Duty Point	n.d.	75,1
			P2max		kW
Maximum operating time with closed port	10min (2900 rpm) [40 °C]		Pump hydraulic efficiency	n.d.	n.d.
			Rotation speed	2000	1/min
			Sense of rotation (*)	Clockwise	
			Number of pumps installed	Operating	Stand-by
				1	0

PUMP MATERIALS	
Delivery casing	Cast iron
Suction casing	Cast iron
Impeller	Cast iron
Diffuser	Cast iron
Casing	Cast iron
Stuffing box	Cast iron
Wear ring	Cast iron
Wear ring with bearing bush	Cast iron
Bearing bush	Bronze
Packing	Graphited cord
Mechanical seal	n.d.
Pedestal	Cast iron
Pump shaft	Stainless steel
Shaft sleeve	Steel
Stuffing box studs	Stainless steel
Stuffing box nuts	Stainless steel

<b>Notes:</b>	(*) View from motor coupling side
OFFER No.	Pos.
	Date 11/06/2019