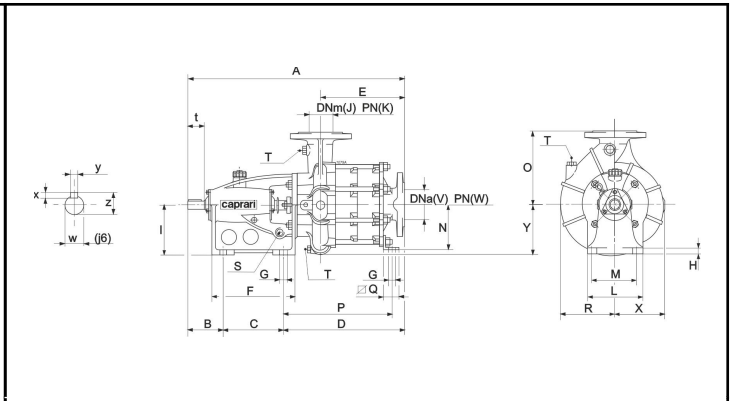
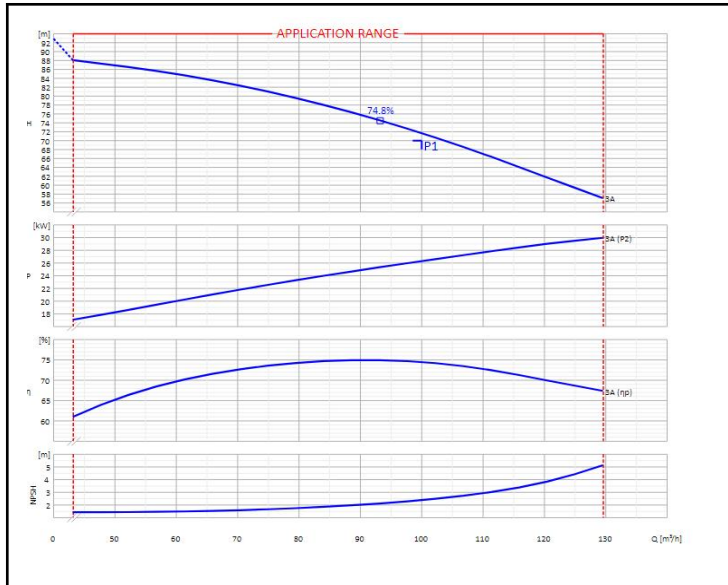


<b>Customer:</b>		<b>Ref.:</b>	
Item	Quantity	Required flow	Required head
Type	CENTRIFUGAL PUMP WITH HORIZONTAL SHAFT	100 m³/h	70 m
		Model	<b>MEC-MR80-4/3A</b>



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 [m]	P [kW]	η [%]	NPSH [m]	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	100.87	m³/h	
Max. temperature of pumped liquid	70		Service head	71.23	m	
Maximum density	1	kg/dm³	Qmin	43.2	129.6	m³/h
Maximum viscosity	1	mm²/s	H (Q=0)	92.9	88	m
Max. solid content	20	g/m³	P2 Duty Point	26.34	29.9	kW
Max. no. starts/hr	n.d.		P2max			
			Pump hydraulic efficiency	74.26	%	
			Rotation speed	1450	1/min	
Maximum operating time with closed port	10min (2900 rpm) [40 °C]		Sense of rotation (*)	Clockwise		
			Number of pumps installed	Operating	Stand-by	
				1	0	

PUMP MATERIALS	
Delivery body	Cast iron
Suction support	Cast iron
Impeller	Cast iron
Diffuser	Cast iron
Cooling jacket	Cast iron
Stuffing box	Steel
Impeller wear ring	Cast iron
Wear ring with bearing bush	Cast iron
Bearing bush	Bronze
Packing	HT Composite
Mechanical seal	n.d.
Pedestal	Cast iron
Pump shaft	
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 10/11/2022