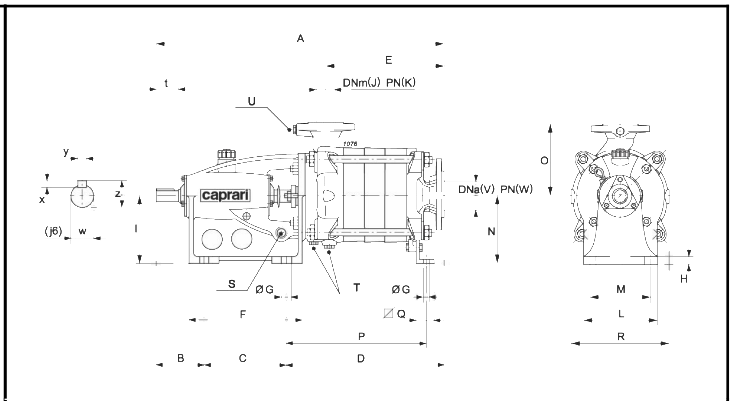
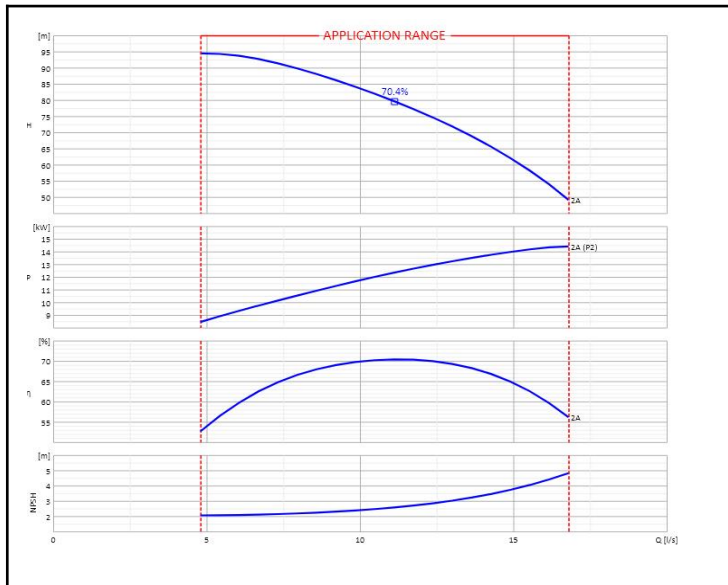


<b>Customer:</b>		<b>Ref.:</b>	
<b>Item</b>	Quantity	<b>Required flow</b>	n.d.
<b>Type</b>	CENTRIFUGAL PUMP WITH HORIZONTAL SHAFT	<b>Model</b>	HMU50-1/2A



A	727	J	50	S	G 1/2"	z	41
B	152	K	40	T	G 3/8"		
C	240	L	215	U	G 3/8"		
D	335	M	180	V	80		
E	226	N	n.d.	W	16		
F	332	O	200	t	80		
G	22	P	n.d.	w	38		
H	19	Q	n.d.	x	8		
I	200	R	276	y	10		

OPERATING DATA- ISO 9906:2012 3B -					CONSTRUCTION CHARACTERISTICS			
Q [l/s]	H [m]	P [kW]	η [%]	NPSH [m]	UNI delivery flange DN	50	PN	40
					UNI suction flange DN	80	PN	16
					Total weight	92		Kg
					No. Stages		2	
					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	4.8	16.8	l/s
Maximum viscosity	1		mm²/s	H (Q=0)	91.92	94.4	m
Max. solid content	20		g/m³	P2 Duty Point	n.d.	14.4	kW
Max. no. starts/hr	n.d.			P2max			
Maximum operating time with closed port	4min (3500 rpm) [40 °C]			Pump hydraulic efficiency	n.d.		n.d.
				Rotation speed	2900		1/min
				Sense of rotation (*)	Clockwise		
Number of pumps installed				Operating	1		Stand-by
				Stand-by	0		

PUMP MATERIALS	
Delivery casing	Cast iron
Support Suction	Cast iron
Impeller	Stainless steel
Pump shaft	Stainless steel
Stuffing box	Cast iron
Bearing flange	Cast iron
Diffuser	Cast iron
Casing	Cast iron
Pedestal	Cast iron
Shaft sleeve	Stainless steel
Packing	Graphited cord
Bearing	n.d.
Seal ring	Rubber
OR seal ring	Rubber
Stuffing box studs	Stainless steel
Stuffing box nuts	Stainless steel

<b>Notes:</b>	(*) View from motor coupling side	
OFFER No.	Pos.	Date
		14/01/2020