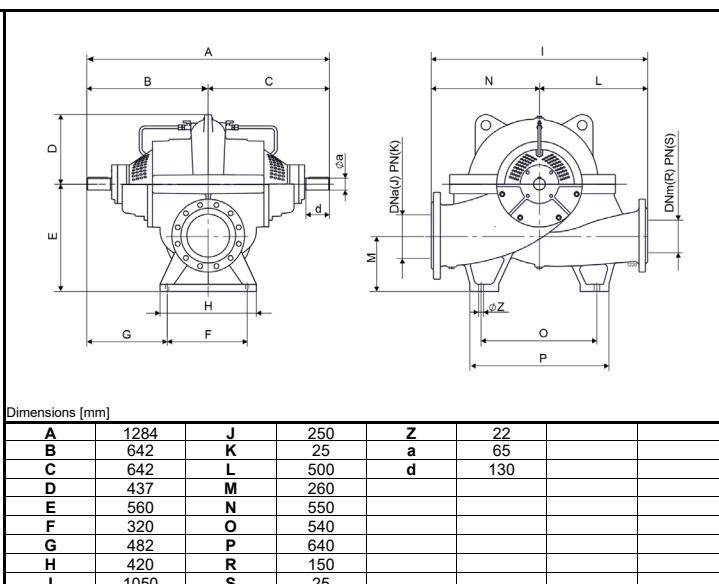
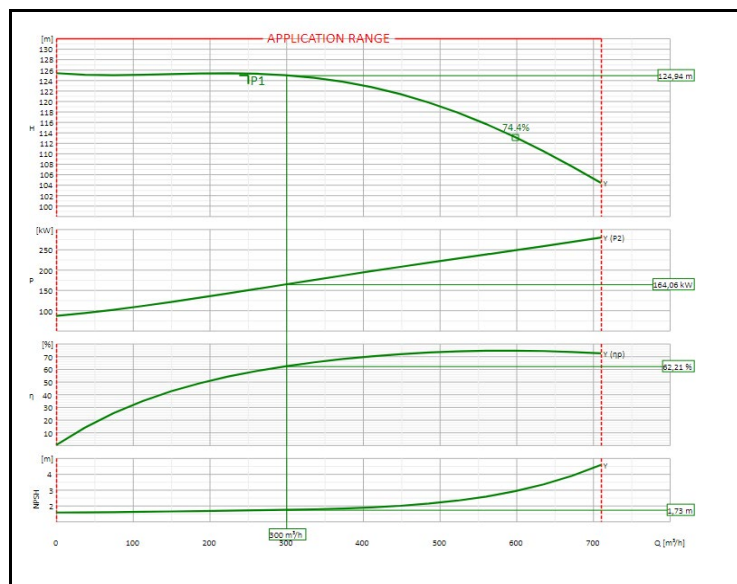


Customer				Ref.:			
Item	2	Quantity	1	Required flow	250 m³/h	Required head	125 m
Type	CENTRIFUGAL PUMP WITH HORIZONTAL SHAFT			Model	SCC-2-150-600Y		



OPERATING DATA - ISO 9906:2012 3B -					CONSTRUCTION CHARACTERISTICS			
Q [m³/h]	H [m]	P [kW]	η [%]	NPSH [m]	UNI delivery flange DN	150	PN	25
250	125.3	149.3	57.05	1.7	UNI suction flange DN	250	PN	25
300	124.94	164.06	62.21	1.73	Total weight	780	Kg	
					No. Stages	1		
					Pump seal	Packing		
					Type of installation	Horizontal		

OPERATING LIMITS			OPERATING CHARACTERISTICS		
Pumped liquid	Water		Service flow rate	250.3	m³/h
Max. temperature of pumped liquid	90 °C °C		Service head	125.3	m
Maximum density	1	kg/dm³	Qmin	0	710.4 m³/h
Maximum viscosity	1	mm²/s	H (Q=0)	0	125.3 m
Max. solid content	-		P2 Duty Point	149.4	279.3 kW
Max. no. starts/hr	-		P2max		
Maximum operating time with closed port	-		Pump hydraulic efficiency	57.09	%
			Rotation speed	1450	1/min
			Sense of rotation (*)	Clockwise	
			Number of pumps installed	Operating	Stand-by
				1	0

PUMP MATERIALS			
Pump casing	Cast iron		
Cover pump	Cast iron		
Impeller	Cast iron		
Impeller wear ring	Bronze		
Shaft sleeve	Stainless steel		
Packing gland	-		
Mechanical seal	-		
Shaft	Stainless steel		
Support bearing	Cast iron		
Bearing	-		

	2.1	08/08/2024
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