

SUBMERSIBLE MOTOR PUMPS QUOTATION



Pos.No. 1 QUOTATION NO.
Identif.

UNIT: Pump UPA 250C-120C/1A
Motor UMA 150D 15/22T

OPERATING DATA

Medium handled	: Diesel Oil		
Installation	: vertical		
Temperature	: 18 °C	S.G.	0.8 kg/dm ³
Nom. Capacity Q			135.0 m ³ /h
Head (without non return valve) at nom. Capacity			25.8 m
Nom. Head H (after non return valve) at nom. Capacity			25.0 m
Power consumption at pump shaft at nom capacity			9.7 kW
Efficiency pump at nom. Capacity (without non return valve)			78.7 %

MOTOR DATA

Type of current	AC 3-phase	Starting	direct
Operating voltage U _t	400 V	Nom. power rating	11.5 kW
Frequency	50 Hz	Nom. Current approx.	28.0 A
Motor efficiency	81.3 %	Nominal speed	2903 1/min
cos. phi	0.735		
short cable	1xRd 4x4 mm ²		

MATERIALS

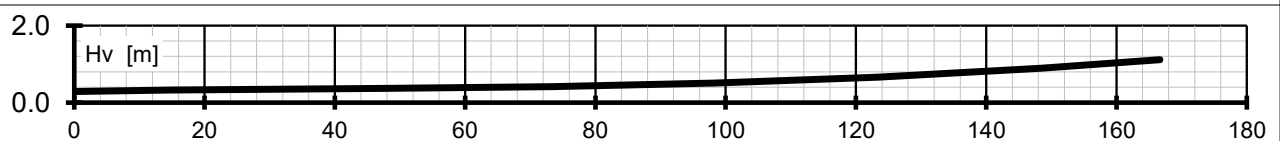
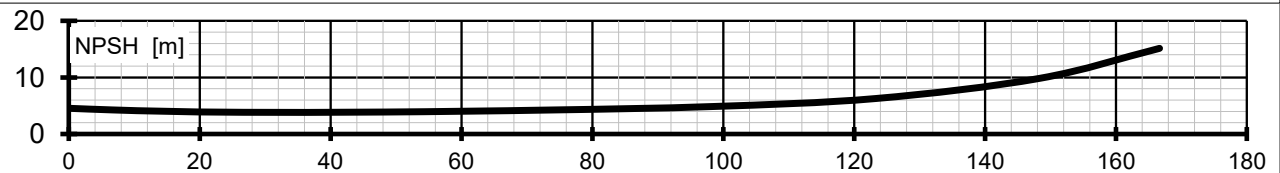
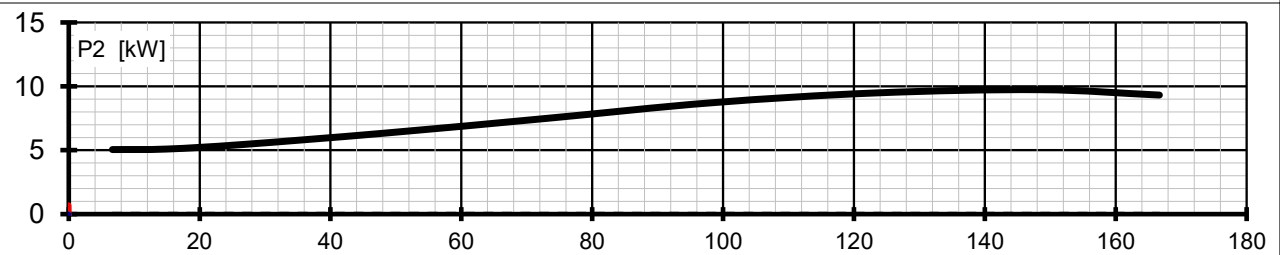
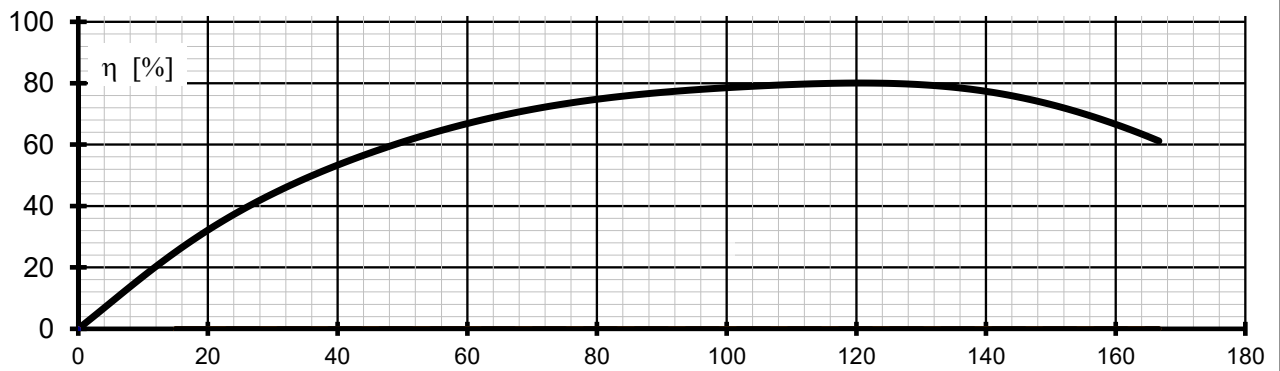
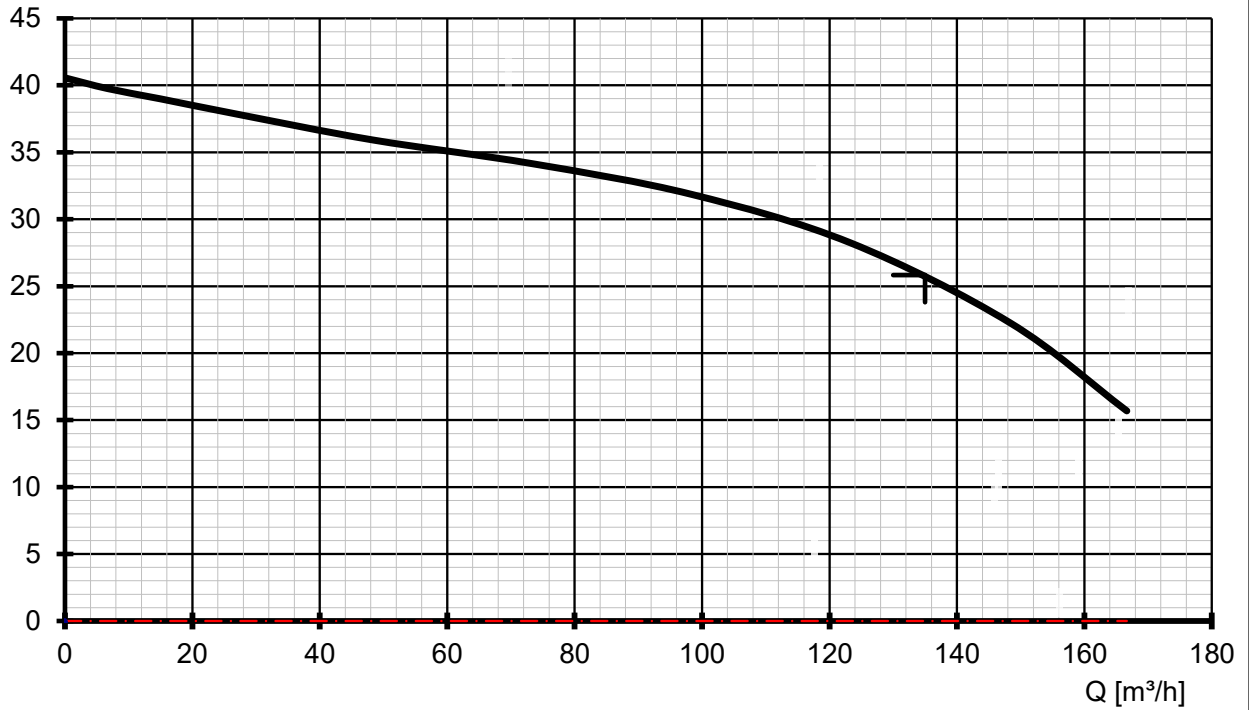
	C3 / C2
Pump casing	CrNiMo-steel (1.4517)
Impeller	CrNiMo-steel (1.4517)
Pump shaft	CrNiMo-steel (1.4462)
Suction casing	CrNiMo-steel (1.4517)
non-return valve	CrNiMo-steel (1.4517)
Motor adaptor	CrNiMo-steel (1.4571)
Outer motor casing	CrNiMo-steel (1.4571)

DIMENSIONS

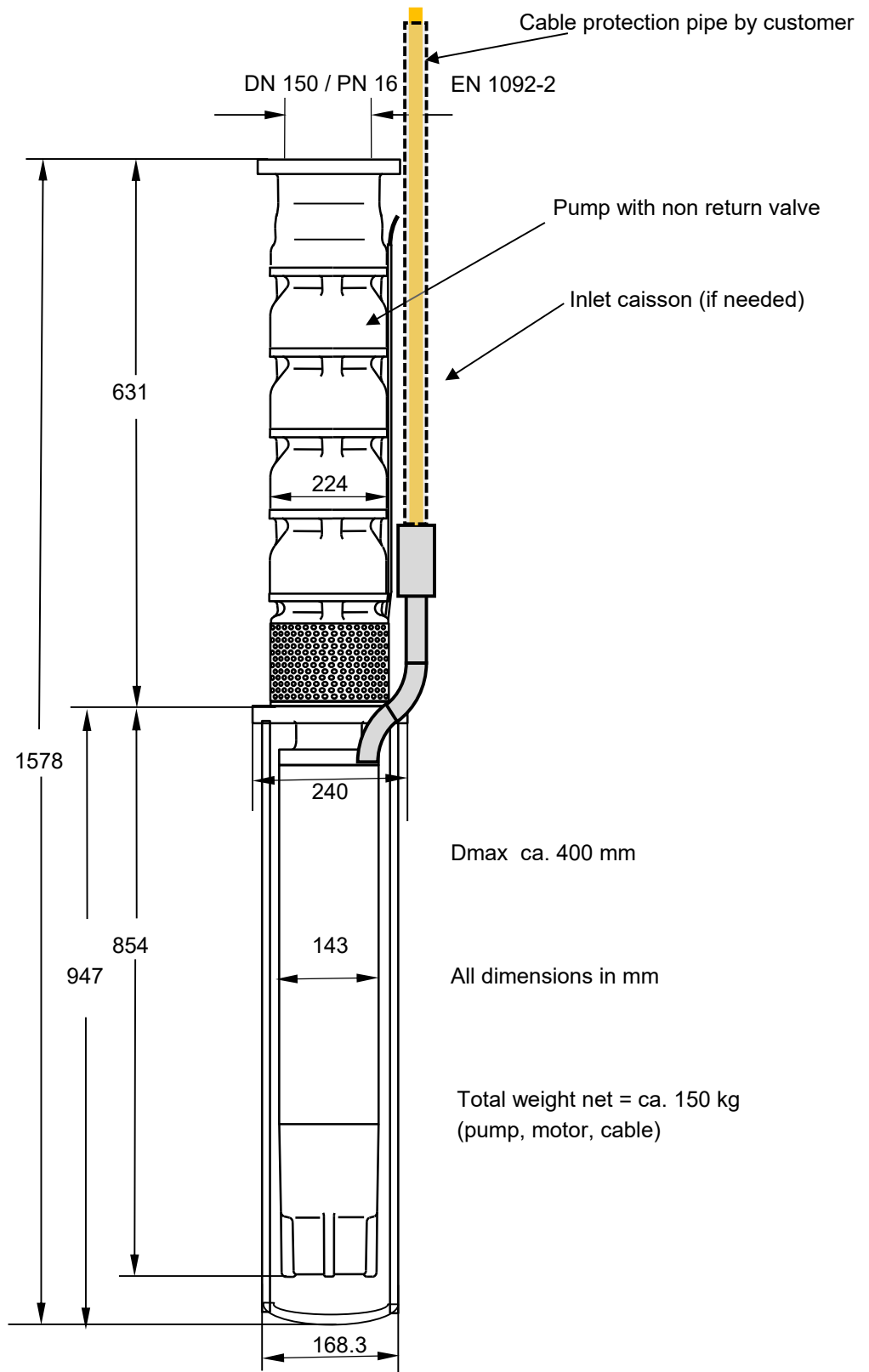
Length including non-return valve DN 150 / PN 16 flange	1485 mm
max. outer diameter	285 mm
Total weight net, each unit (pump, motor, cable)	ca. 126 kg

UPA 250C-120C/1A + UMA 150D 15/22T

H [mWS]



Type of pump	UPA 250C-120C	Project no.	4004048956	Dept.	SL-GS185
Nos of stages	1A	speed [1/min]	2903	Name	Krüger
type of motor	UMA 150D 15/22T	rho [kg/dm³]	0.8		
Offert-curve according ISO 9906 KI.2B		impeller ca. 173 / 166 mm		date	03.06.2020



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Nos of stages	1A			Name	Krüger
type of motor	UMA 150D 15/22T				
				date	03.06.2020