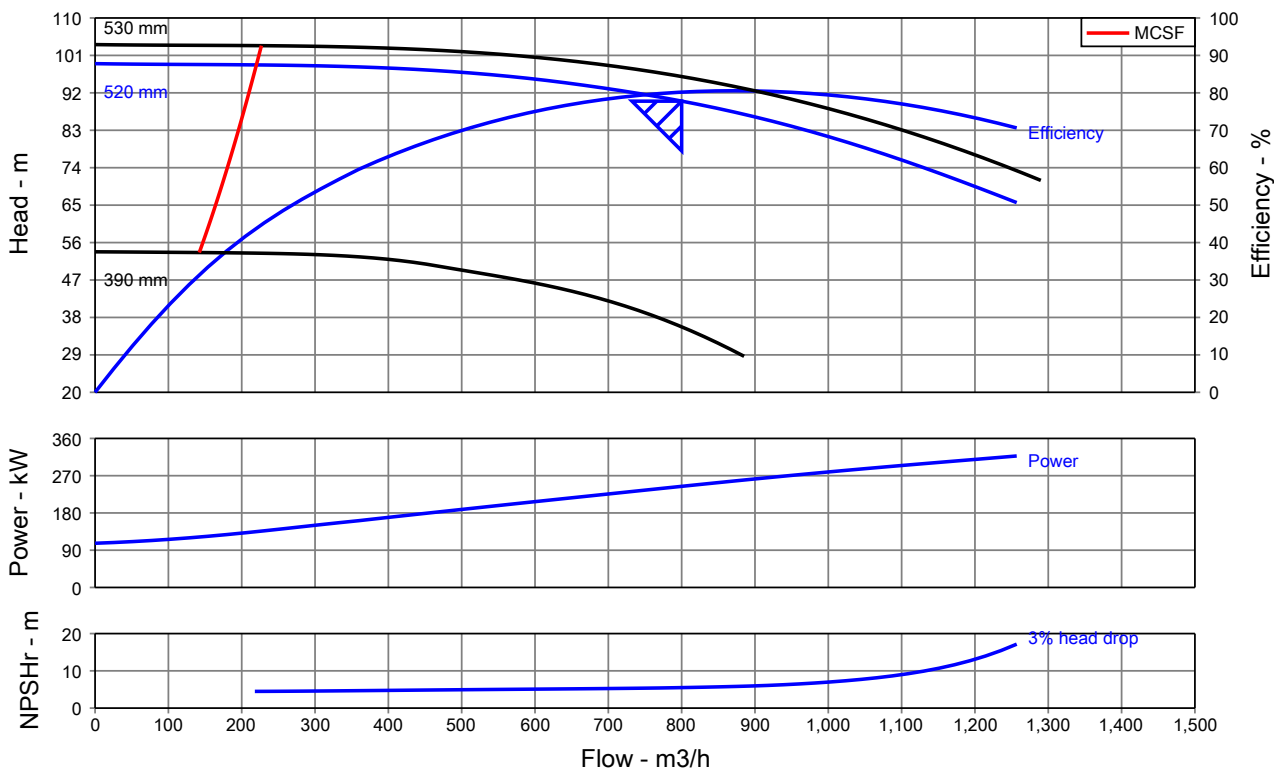


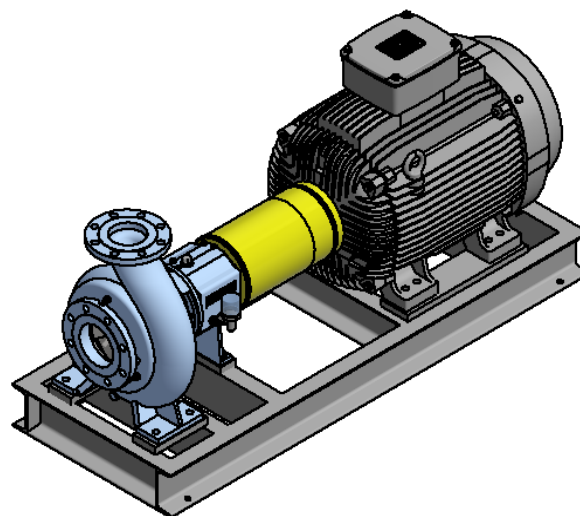
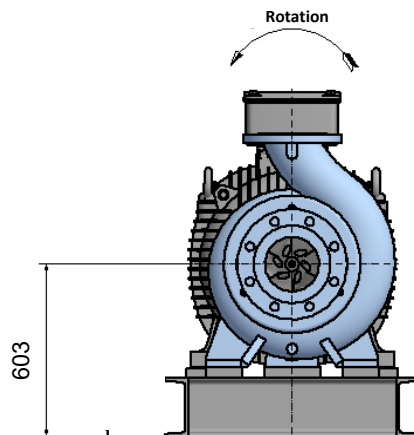
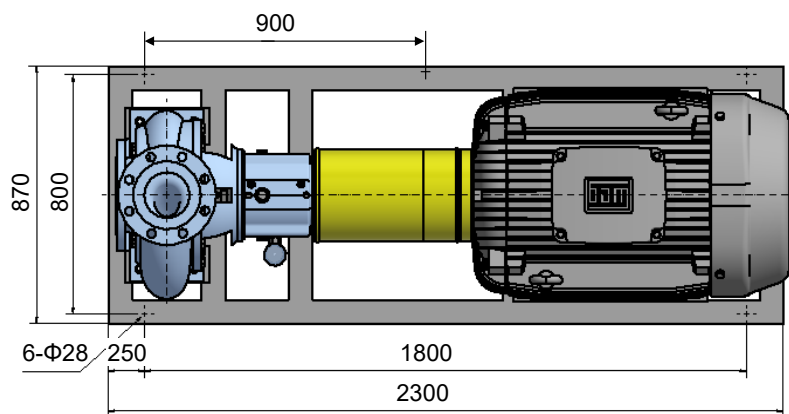
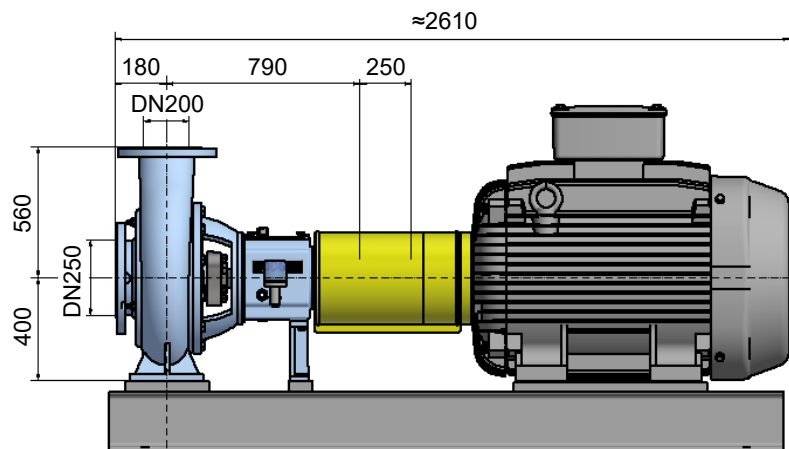
Pump Performance Datasheet

Customer	:	Reference ID	:
Customer reference	:	Type / Size	: GPMX250-200-350 C
Item number	: Default	Stages	: 1
Service	:	Based on curve number	: GPMX250-200-350_1500_C Rev 1
Quantity	: 1	Date of Last Update	:

Operating Conditions		Liquid	
Flow, rated	: 800.0 m ³ /h	Liquid type	: Other
Differential head / pressure, rated (requested)	: 90.00 m	Additional liquid description	:
Suction pressure, rated / max	: 0.00 / 0.00 bar.g	Solids diameter, max	: 0.00 mm
NPSH available, rated	: Ample	Solids concentration, by volume	: 0.00 %
Site Supply Frequency	: 50 Hz	Temperature, rated / max	: 20.00 / 20.00 deg C
Performance		Fluid density, rated / max	: 0.999 / 0.999 kg/dm ³
Speed criteria	: Synchronous	Viscosity, rated	: 1.00 cSt
Speed, rated	: 1485 rpm	Vapor pressure, rated	: 0.00 bar.a
Impeller diameter, rated	: 520 mm	Material	
Impeller diameter, maximum	: 530 mm	Material selected	: 316L
Impeller diameter, minimum	: 390 mm	Pressure Data	
Efficiency	: 80.19 %	Maximum casing/bowl working pressure	: 9.70 bar.g
NPSH (3% head drop) / margin required	: 5.50 / 0.00 m	Maximum allowable working pressure	: 16.00 bar.g
Ns (imp. eye flow) / Nss (imp. eye flow)	: 1,298 / 10,266 US Units	Maximum allowable suction pressure	: N/A
MCSF	: 220.8 m ³ /h	Hydrostatic test pressure	: 24.00 bar.g
Head, maximum, rated diameter	: 99.02 m	Driver & Power Data (@Max density)	
Head rise to shutoff	: 10.00 %	Driver sizing specification	: Rated power
Flow, best eff. point	: 872.6 m ³ /h	Margin over specification	: 0.00 %
Flow ratio, rated / BEP	: 91.68 %	Service factor	: 1.00
Diameter ratio (rated / max)	: 98.11 %	Power, hydraulic	: 196 kW
Head ratio (rated dia / max dia)	: 93.84 %	Power, rated	: 244 kW
Cq/Ch/Ce/Cn [ANSI/HI 9.6.7-2010]	: 1.00 / 1.00 / 1.00 / 1.00	Power, maximum, rated diameter	: 318 kW
Selection status	: Acceptable	Minimum recommended motor rating	: 250 kW / 335 hp

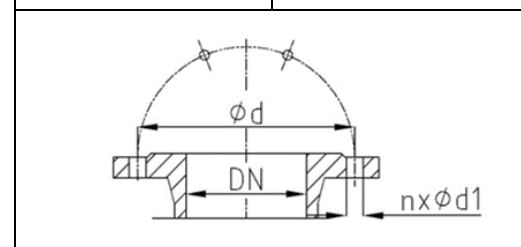
Hydraulic Performance Acceptance Test: ISO 9906:2012 / HI 14.6-2011 Grade 2B





CUSTOMER	
PROJECT	
EQUIPMENT	
ITEM	
PUMP SIZE	GPMX250-200-350 C

PUMP SHAFT	MOTOR SHAFT	Foundation Screw
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FLANGE DRILLING	EN1092			
RATING	PN16			
POSITION	DIAMETER	Φd	d1	n
SUCTION	DN250	350	26	12
DISCHARGE	DN200	295	22	12

WEIGHT/kg	
BARE PUMP	500
MOTOR	1680
BASEPLATE	600
TOTAL	2780

MOTOR	
STANDARD	IEC
RPM	1500
POWER/kw	250
MOUTING SIZE	315L

NOTE
 1、 FOR REFERENCE ONLY
 2、 BASEPLATE GROUTED
 3、 DIMENSION IN mm

ISO2768 T1 mm						SIZE	GPMX250-200-350 C IEC315L		SCALE
≤6	> 6 ≤30	> 30 ≤120	> 120 ≤400	> 400 ≤1000	> 1000 ≤2000	DOC.	GA DRAWING		A4
±0.1	±0.2	±0.3	±0.5	±0.8	±1.2	DRAFT			
DALIAN CYRUS PUMPS						CHECK			
						APPROVE			
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								DG04845	0