

Data: 27/10/2022

84082100000: BSM3V 3MXV-B 32-404/A-EMT

PUMP AND MOTOR DATA

n (rpm):	2900	Motor phase:	3~
N. of impellers:	4	Un (V):	230/400
Max working pressure (bar):	16	fn (Hz):	50
H max (m):	41.50	Poles:	2
H min (m):	14.50	In (A):	4.6 / 2.7
Q min (mc/h):	2.50	PF:	0.80
Q max (mc/h):	8.00	Insulation class:	F
Pn (kW):	1.10	Duty:	S1
Pn (HP):	1.50	Min liquid temperature (°C):	-15.00 °C
Impeller diameter (mm):	98.50	IE:	IE3-82.7
2nd impeller diameter (mm):	0.00	Weight (kg):	25.372
Motor type:	IM	Ingress protection (IP):	IP 54

MATERIALS

External Jacket:	Cr-Ni steel 1.4301 EN 10088 (AISI 304)	Lower Cover:	Cr-Ni steel 1.4301 EN 10088 (AISI 304)
Pump Casing:	Cr-Ni steel 1.4301 EN 10088 (AISI 304)	Upper Cover:	Cr-Ni steel 1.4301 EN 10088 (AISI 304)
Suction Casing:	Cr-Ni steel 1.4301 EN 10088 (AISI 304)	Spacer Sleeve:	Cr-Ni steel 1.4301 EN 10088 (AISI 304)
Delivery Casing:	Cr-Ni steel 1.4301 EN 10088 (AISI 304)	Shaft:	Cr-Ni steel 1.4305 EN 10088 (AISI 303)
Stage Casing:	Cr-Ni steel 1.4301 EN 10088 (AISI 304)	Mechanical Seal:	Ceramic Alumina-Carbon-EPDM
Impeller:	Cr-Ni steel 1.4301 EN 10088 (AISI 304)	O-ring:	NBR
Wear ring impeller-diffuser:	PTFE		

GROUP DATA

Number of pumps:	3	Control panel:	QM3V10A
Fixed speed / Variable speed:	V variable	Power supply:	1.1 x 3
Inverter type:	EASYMAT 9,2MT	Supply voltage:	230

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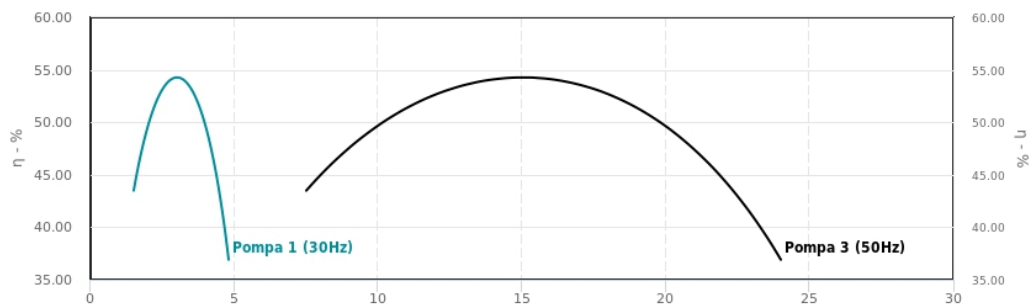
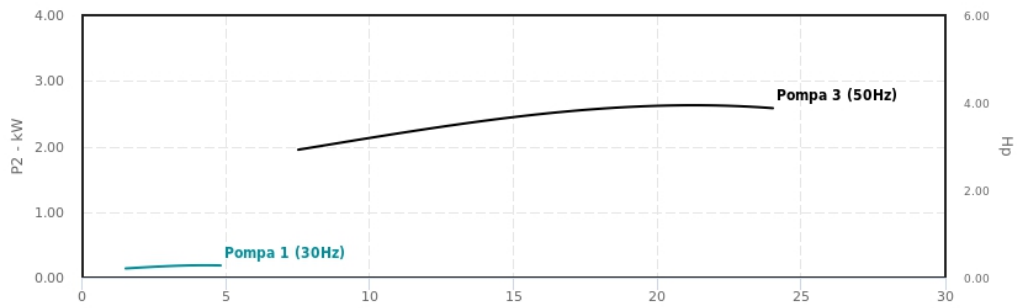
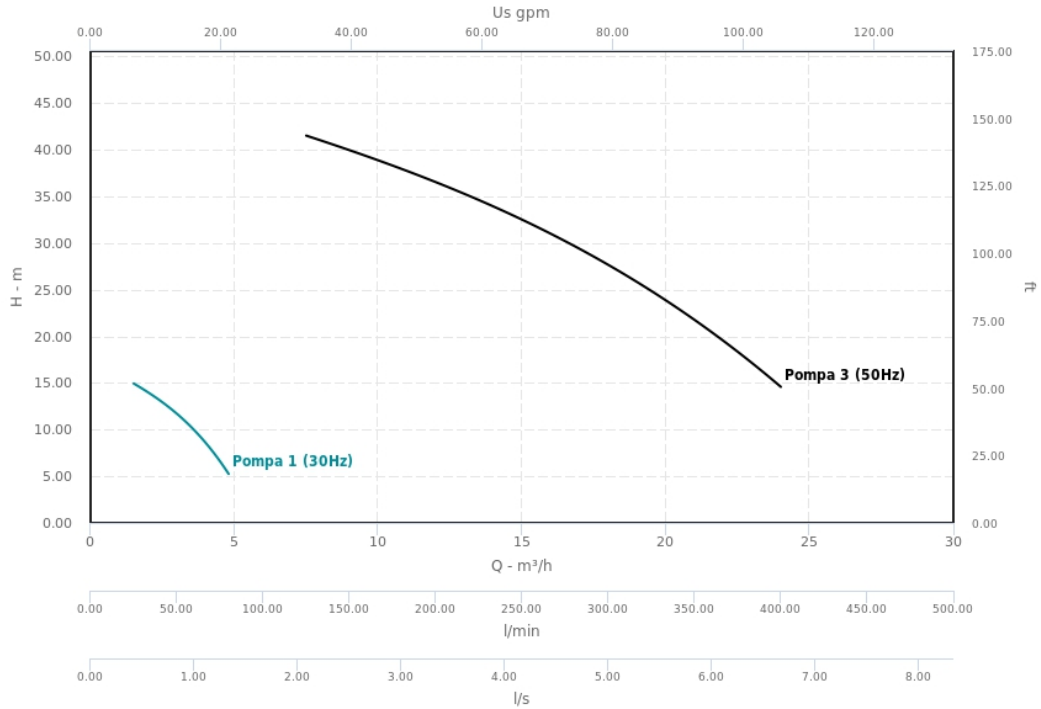
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BOOSTER SET MATERIALS

Manifolds:	AISI304, Nickel-plated brass	Fittings:	Brass
Interception pans:	Nickel-plated brass, PTFE	Anti-vibration feet:	NBR
Non-return valve:	Nickel-plated brass, PTFE, NBR	Gaskets:	NBR
Pressure switch:	-	Base:	S235JR Nickel-plated
Pressure transducer:	AISI 316		

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DIMENSIONS (MM)

- a:** 340 mm.
- fg:** 544 mm.
- h2:** 477 mm.
- h3:** 119 mm.
- h5:** 743 mm.
- l6:** 625 mm.
- lc:** 600 mm.
- m4:** 365 mm.
- dn1:** G2
- dn2:** G2

