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TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

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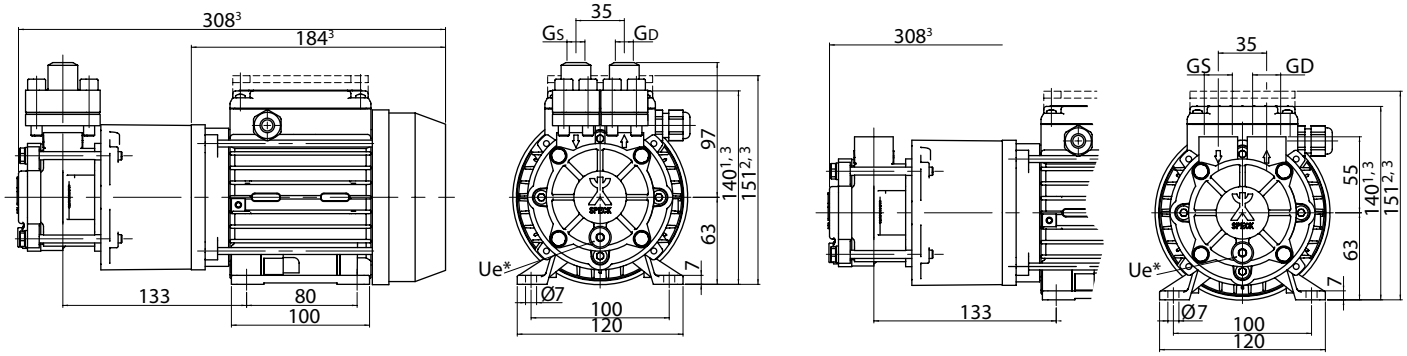
Find the *Speck Pumpen NPY-2251-MK.0074* at our website: *Click HERE*

NPY-2251-MK

Peripheralradpumpen
mit Magnetkupplung

Regenerative turbine pumps
with magnetic coupling

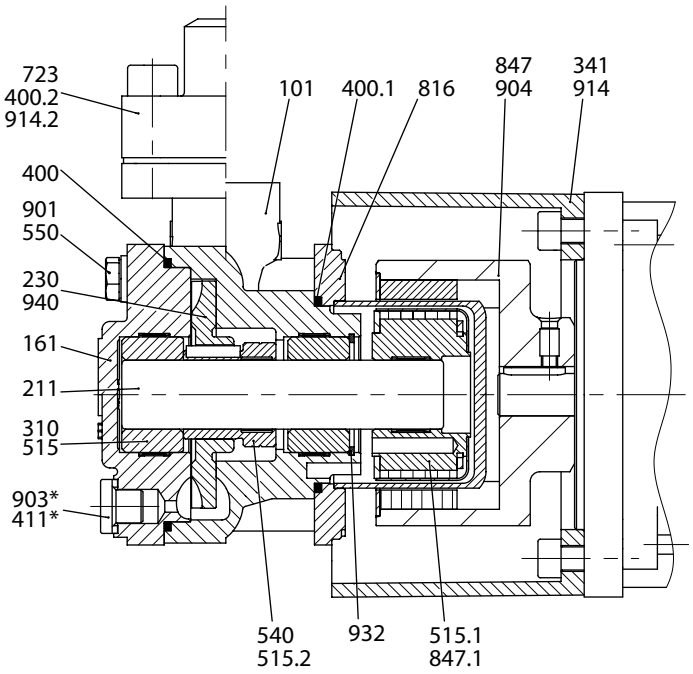
Maßzeichnung / Dimensional drawing



Daten / Data

	Baugröße Frame size	Phasen Phases	50 Hz / Cycles			60 Hz / Cycles			Anschlüsse Connections			Drehmoment Torque	Gewicht Weight		Wasser Water	Öl Oil
Type	mm	~	1/min	kW	HP	1/min	kW	HP	G_S	G_D	Ue*	Nm	kg	lbs	t_{max}	t_{max}
NPY-2251-MK	63	3~	2800	0,50	0.67	3400	0,55	0.74	G 1/2 SAE 1/2	G 1/2 SAE 1/2	G 1/8	3,0	9,6	21	140 °C	180 °C

Schnittzeichnung / Cross-sectional drawing



Teileliste / Parts list

101	Gehäuse	Casing
161	Gehäusedeckel	Casing cover
211	Welle	Shaft
230	Laufrad	Impeller
310	Gleitlager	Sleeve bearing
341	Laterne	Bracket
400-.2	Dichtung	Gasket
411*	Dichtring	Sealing ring
515-.2	Toleranzring	Tolerance ring
540	Buchse	Bush
550	Scheibe	Washer
723	Flansch	Flange
816	Spalttopf	Separating can
847	Magnetkupplung (außen)	Magnetic coupling (outer part)
847.1	Magnetkupplung (innen)	Magnetic coupling (inner part)
903*	Verschlussschraube	Screw plug
904	Gewindestift	Threaded pin
914-.3	Innen-6-kt. Schraube	Hexagon socket head screw
932	Sicherungsring	Locking ring
940	Passfeder	Fitting key

[1] Flacher Klemmenkasten
[2] Hoher Klemmenkasten
[3] Abhängig von Motorausführung
* Auf Anfrage

[1] Flat terminal box
[2] High terminal box
[3] Depending on the motor design
* On request

U_e = Entleerung / Verschlussschraube

U_e = Drainage / Screw plug

Gewicht abhängig von Baugröße, Leistung, Werkstoffen und Ausführung

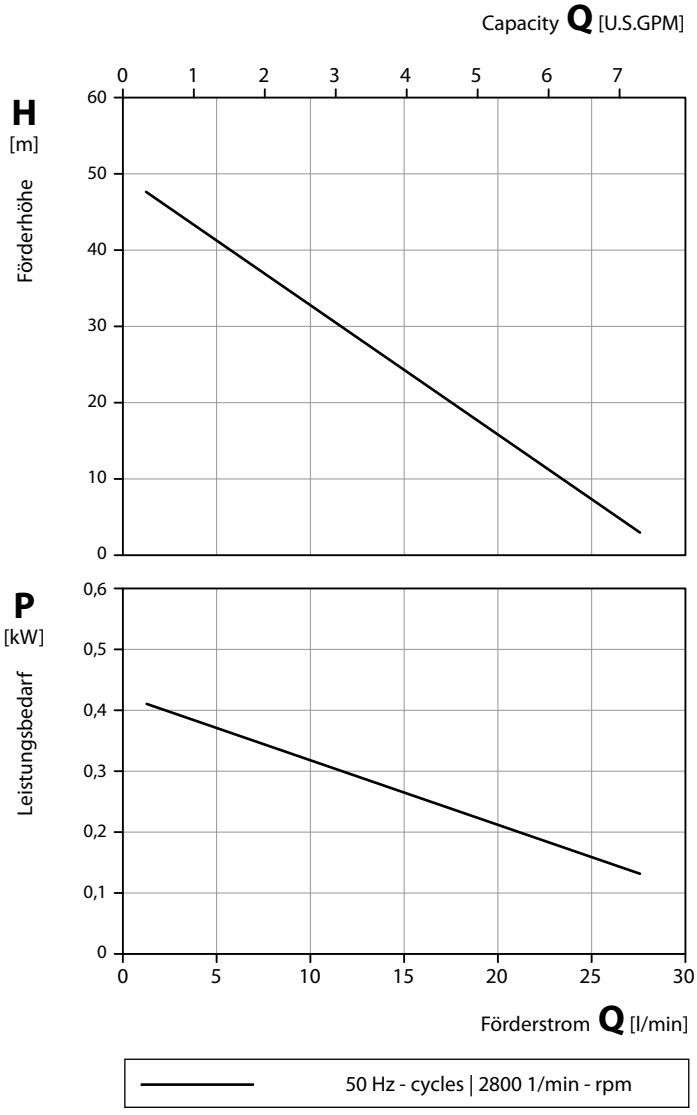
Weight depending on motor frame size, performance, materials and execution

Technische Änderungen und Irrtum vorbehalten. Subject to technical modifications and error. 06/2015 | 1096.1088
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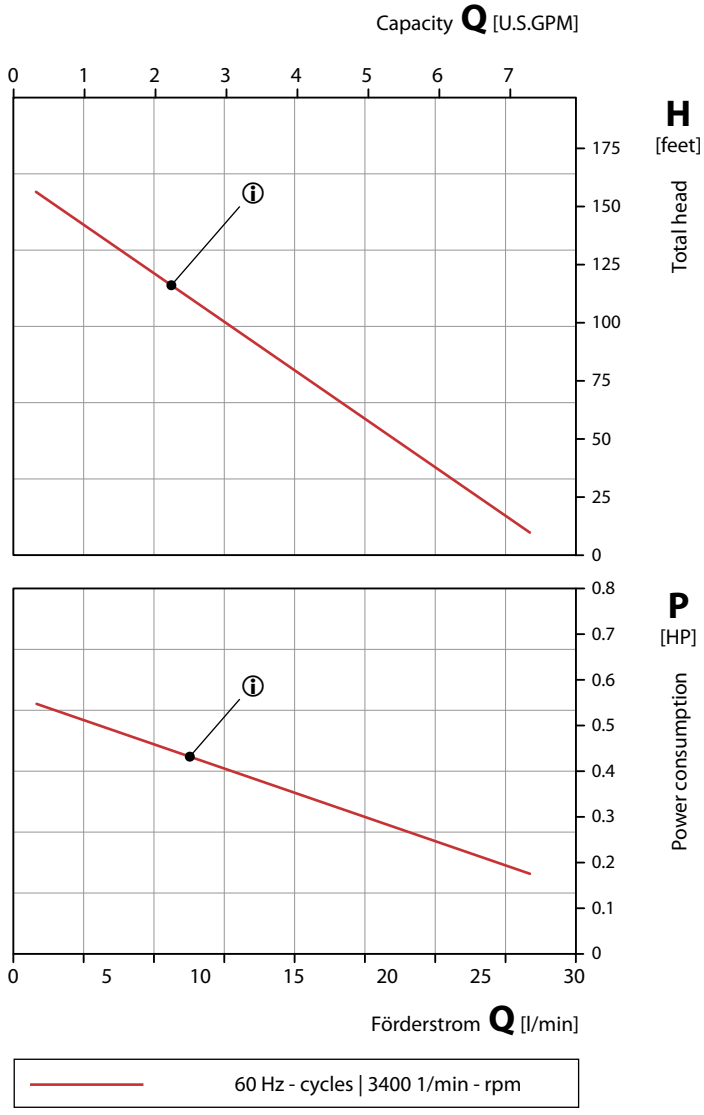
Peripheralradpumpen
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Regenerative turbine pumps
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50 Hz | Kennlinien / Characteristic curves



60 Hz | Kennlinien / Characteristic curves



ⓘ 60 Hz angepasste Hydraulik

ⓘ 60 Hz adapted characteristic

Werkstoffausführungen / Material Design

Gehäuse Casing	1.4581 CrNiMo-cast steel		
Laufrad Impeller	1.4408, keramikbeschichtet CrNiMo-cast steel, coated with ceramics	1.4408, Ni-SiC-beschichtet CrNiMo-cast steel, Ni-SiC coated	PEEK
Welle Shaft	Keramik Ceramics		
Spalttopf Separating can	1.4571 CrNiMo-steel		

Prüfbedingungen

Die Kennlinien gelten für die Förderung von Wasser mit einer Temperatur von 20 °C bei Nenndrehzahl.

Die Toleranz von Förderhöhe und Förderstrom beträgt ± 10 %, die des Leistungsbedarfs + 10 %.

Bei abweichenden Eigenschaften des Fördermediums ändern sich die Kennlinien.

Test conditions

The characteristic curves are applicable for the delivery of water of 20 °C temperature at nominal speed.

The tolerance of total head and capacity is ± 10 %, performance tolerance is + 10 %.

If the property of the pump media differs the characteristic curves change.

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