

PROJECT: _____	UNIT TAG: _____	QUANTITY: _____
REPRESENTATIVE: _____	TYPE OF SERVICE: _____	DATE: _____
ENGINEER: _____	SUBMITTED BY: _____	DATE: _____
CONTRACTOR: _____	APPROVED BY: _____	DATE: _____
	ORDER NO.: _____	DATE: _____

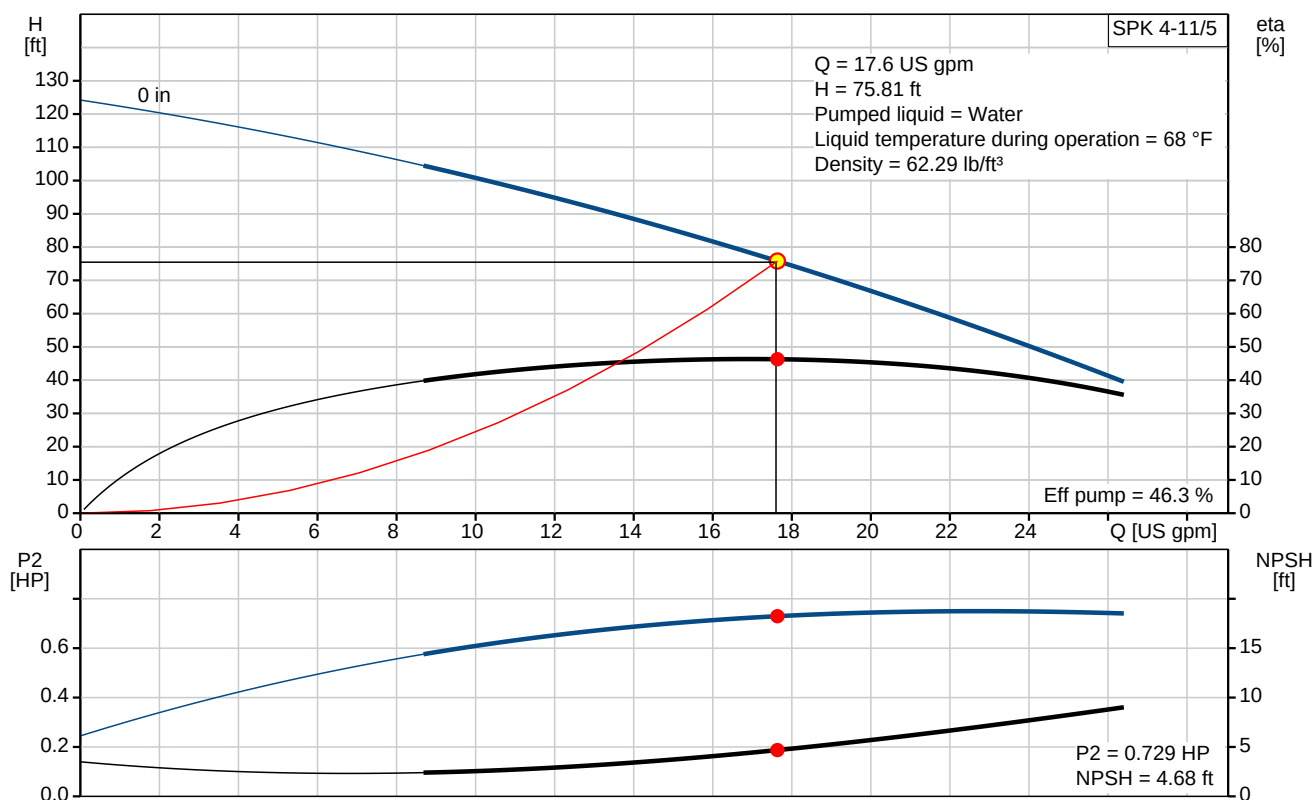


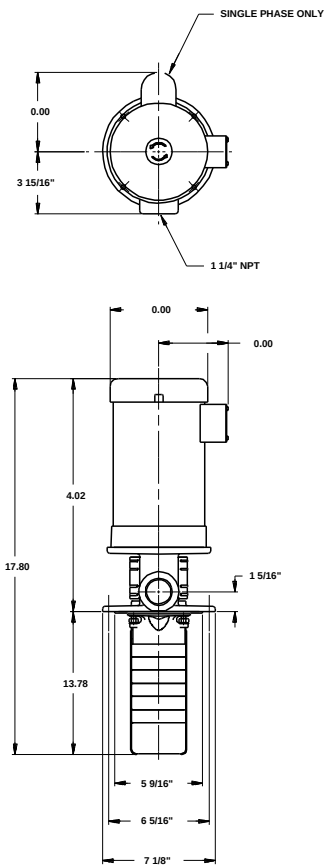
SPK 4-11/5

Coolant and condensate pumps

Product photo could vary from the actual product

Conditions of Service		Pump Data		Motor Data	
Flow:	17.6 US gpm	Liquid temperature range:	14 .. 194 °F	Main frequency:	60 Hz
Head:	75.81 ft	Shaft seal:	AUUV		
Efficiency:	_____	Pipe connection:	1 1/4" NPT		
Liquid:	Water	Product number:	3AG00405		
Temperature:	68 °F				
NPSH required:	4.68 ft				
Viscosity:	_____				
Specific Gravity:	1.000				





Materials:

Pump head: Cast iron
EN-GJL-200
ASTM 25B

Impeller: Stainless steel
DIN W.-Nr. 1.4301
AISI 304

Material code: A

Tender Text



Product photo could vary from the actual product

Product No.: [3AG00405](#)

SPK 4-11/5 A-WB-A-AUUV

Multistage, immersible, self-priming, centrifugal pump for vertical and horizontal installation in tanks etc.

The pump has the following characteristics:

- Installation length according to DIN 5440.
- Impellers, intermediate chambers and spline

shaft are made of stainless steel and motor stool of GG 20.

- Mechanical shaft seal according to DIN 24960.
- Power transmission via cast iron

split coupling.

Liquid:

Pumped liquid: Water
Liquid temperature range: 14 .. 194 °F
Liquid temperature during operation: 68 °F
Density: 62.29 lb/ft³

Technical:

Speed for pump data: 3420 rpm
Actual calculated flow: 17.6 US gpm
Resulting head of the pump: 75.81 ft
Primary shaft seal: AUUV
Curve tolerance: ISO9906:2012 3B
Drain holes: Open drain hole

Materials:

Pump head: Cast iron
EN-GJL-200
ASTM 25B
Impeller: Stainless steel
DIN W.-Nr. 1.4301
AISI 304

Installation:

Pipe connection: 1 1/4" NPT
Flange size for motor: 56C

Others:

Net weight: 16.8 lb



Company name:

Created by:

Phone:

Date:

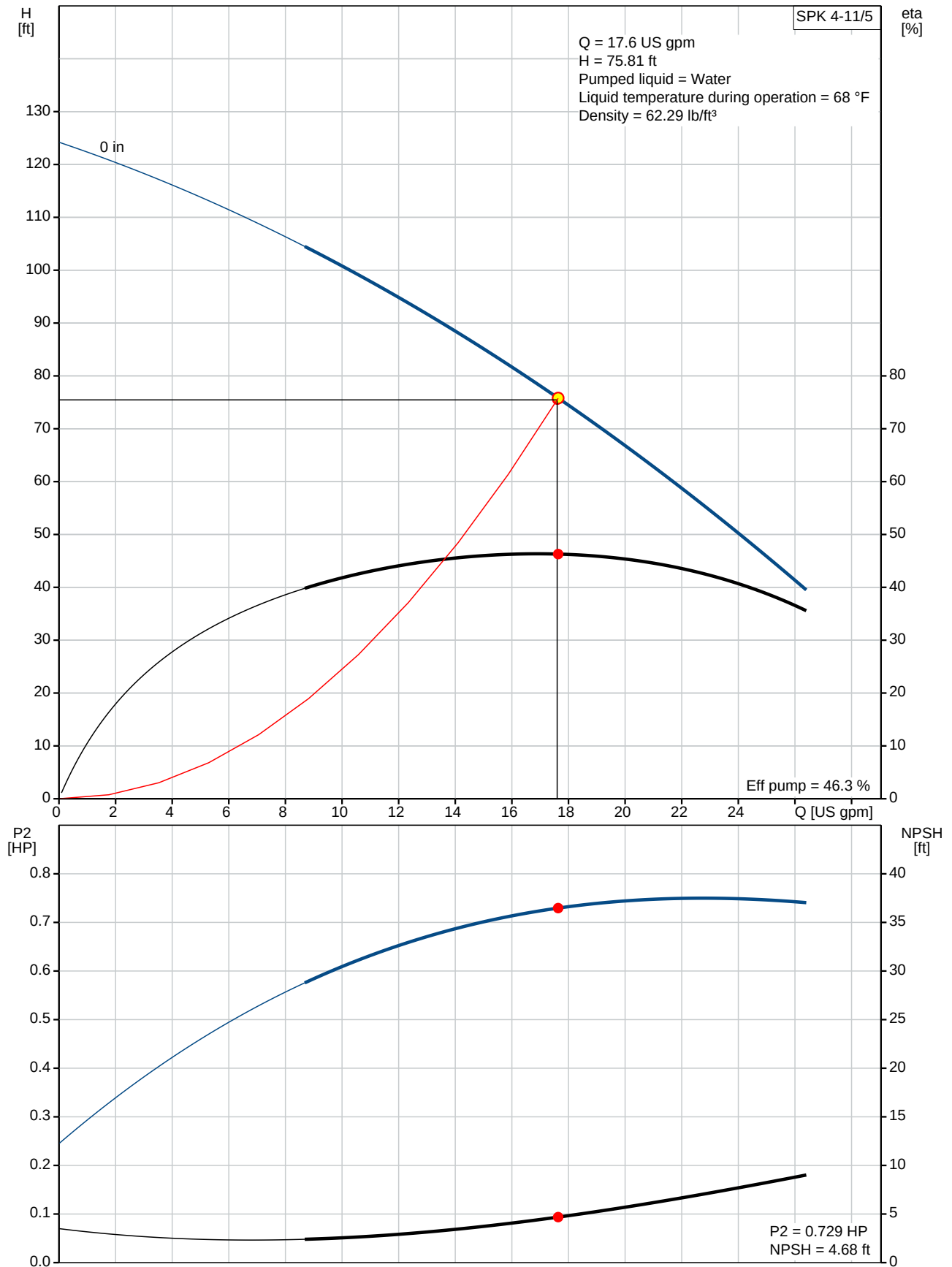
2/21/2018

Gross weight:

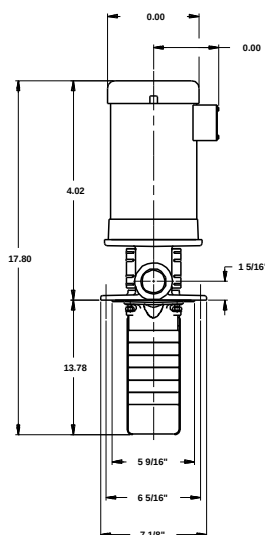
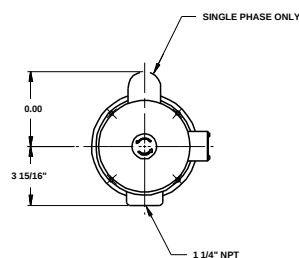
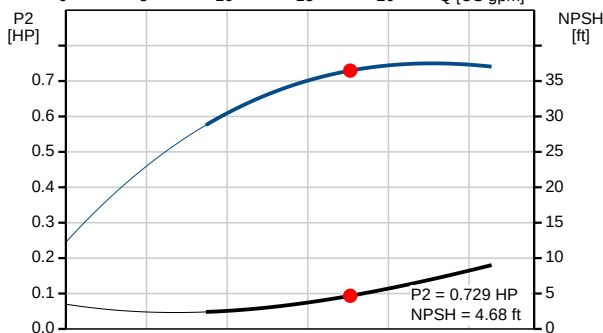
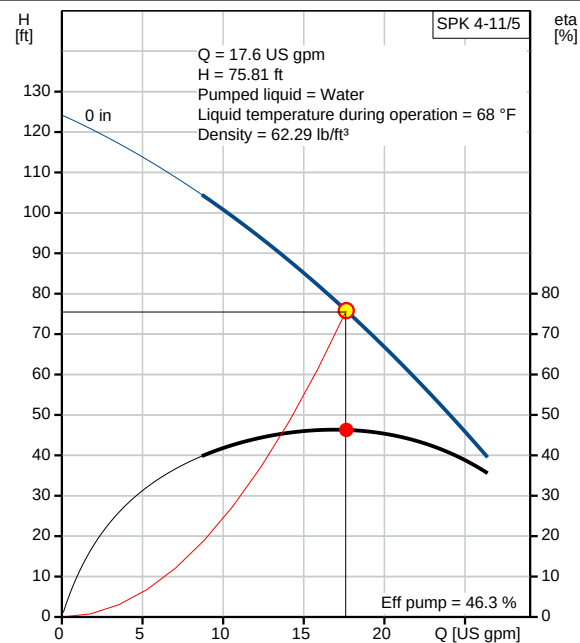
21.8 lb

Position	Count	Description
	1	SPK 4-11/5 A-WB-A-AUUV  Product photo could vary from the actual product Product No.: 3AG00405 Multistage, immersible, self-priming, centrifugal pump for vertical and horizontal installation in tanks etc. The pump has the following characteristics: - Installation length according to DIN 5440. - Impellers, intermediate chambers and spline shaft are made of stainless steel and motor stool of GG 20. - Mechanical shaft seal according to DIN 24960. - Power transmission via cast iron split coupling. Liquid: Pumped liquid: Water Liquid temperature range: 14 .. 194 °F Liquid temperature during operation: 68 °F Density: 62.29 lb/ft³ Technical: Speed for pump data: 3420 rpm Actual calculated flow: 17.6 US gpm Resulting head of the pump: 75.81 ft Primary shaft seal: AUUV Curve tolerance: ISO9906:2012 3B Drain holes: Open drain hole Materials: Pump head: Cast iron EN-GJL-200 ASTM 25B Impeller: Stainless steel DIN W.-Nr. 1.4301 AISI 304 Installation: Pipe connection: 1 1/4" NPT Flange size for motor: 56C Others: Net weight: 16.8 lb Gross weight: 21.8 lb

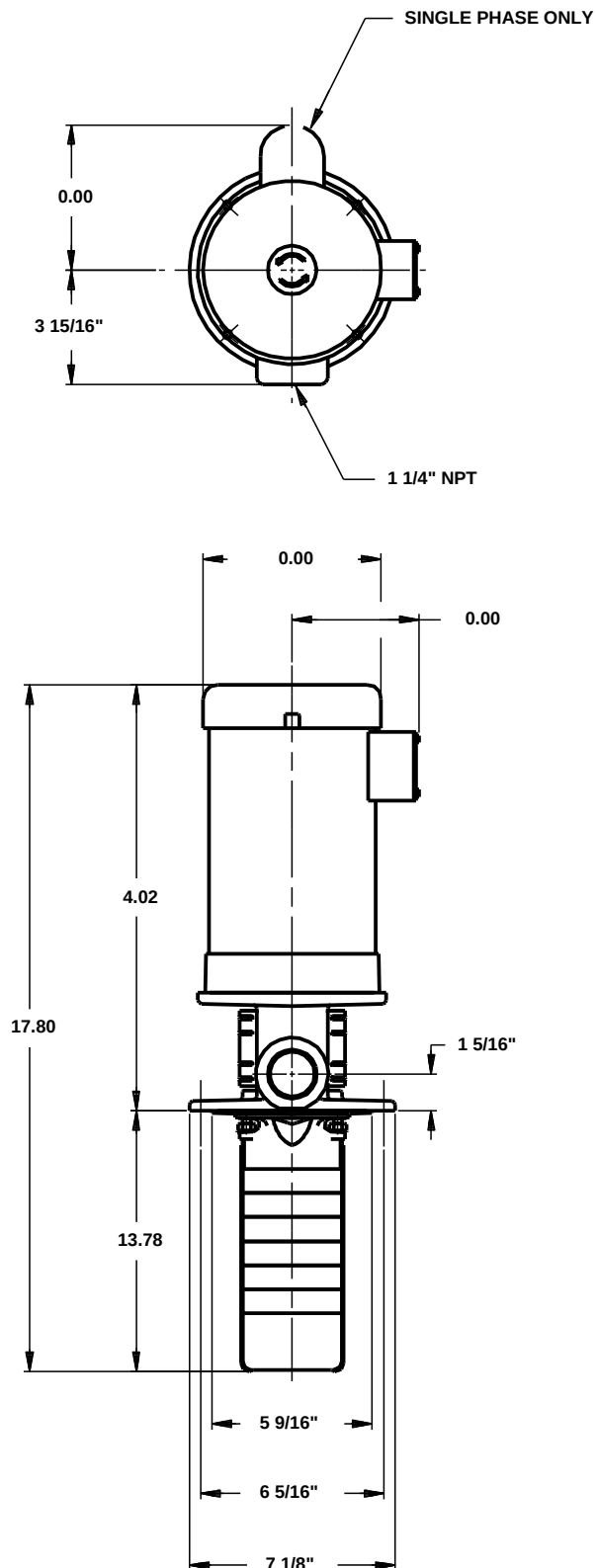
3AG00405 SPK 4-11/5 60 Hz



Description	Value
General information:	
Product name:	SPK 4-11/5 A-WB-A-AUUV
Product No.:	3AG00405
EAN:	5700391796562
Technical:	
Speed for pump data:	3420 rpm
Actual calculated flow:	17.6 US gpm
Resulting head of the pump:	75.81 ft
Stages:	11
Impellers:	5
Primary shaft seal:	AUUV
Curve tolerance:	ISO9906:2012 3B
Pump version:	A
Model:	E
Drain holes:	Open drain hole
Materials:	
Pump head:	Cast iron
	EN-GJL-200
	ASTM 25B
Impeller:	Stainless steel
	DIN W.-Nr. 1.4301
	AISI 304
Material code:	A
Installation:	
Connect code:	WB
Pipe connection:	1 1/4" NPT
Flange size for motor:	56C
Liquid:	
Pumped liquid:	Water
Liquid temperature range:	14 .. 194 °F
Liquid temperature during operation:	68 °F
Density:	62.29 lb/ft ³
Others:	
Net weight:	16.8 lb
Gross weight:	21.8 lb



3AG00405 SPK 4-11/5 60 Hz



Note! All units are in [mm] unless otherwise stated.
Disclaimer: This simplified dimensional drawing does not show all details.



Company name:

Created by:

Phone:

Date:

2/21/2018

Order Data:

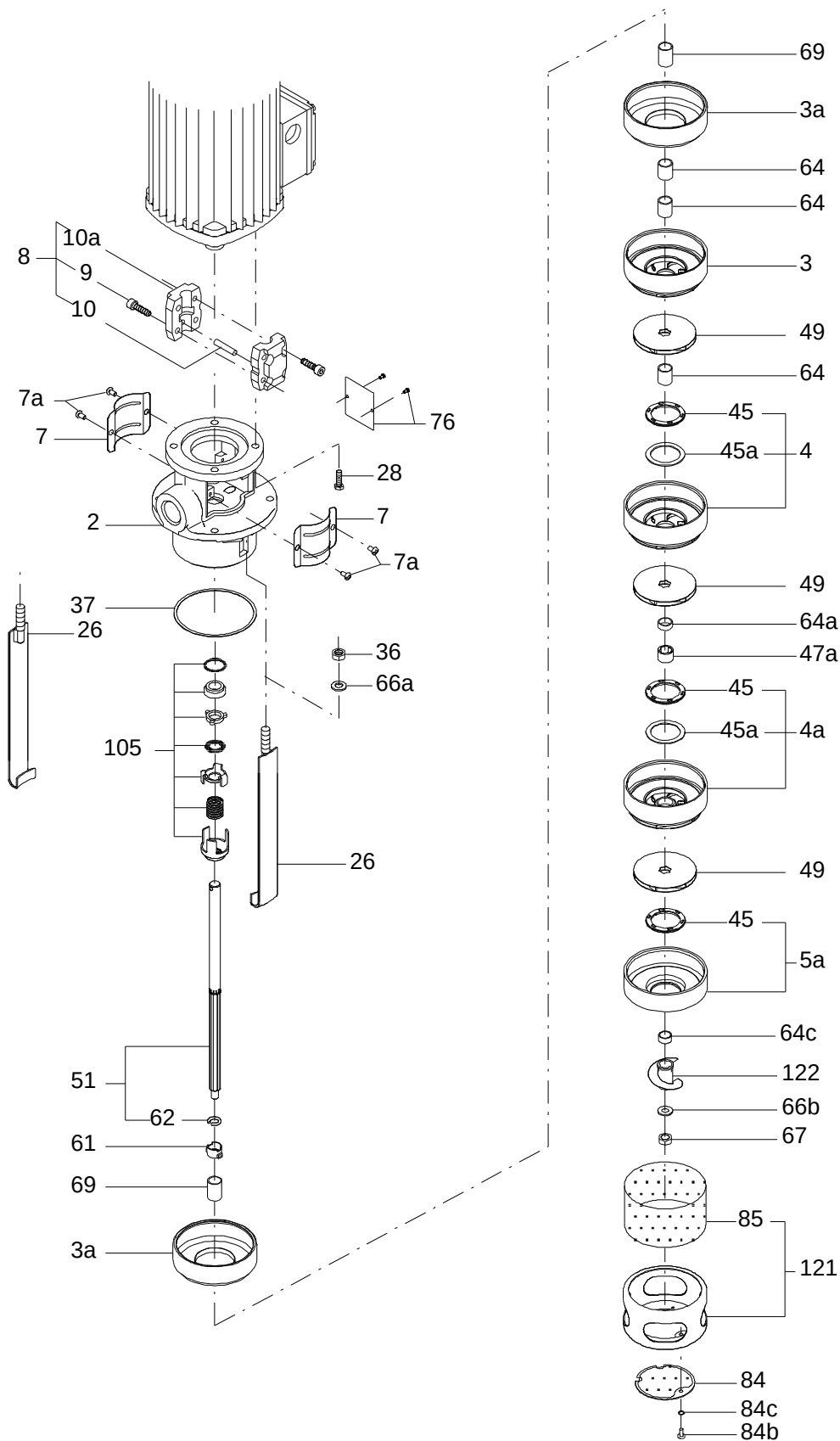
Product name: SPK 4-11/5 A-WB-A-AUUV

Amount: 1

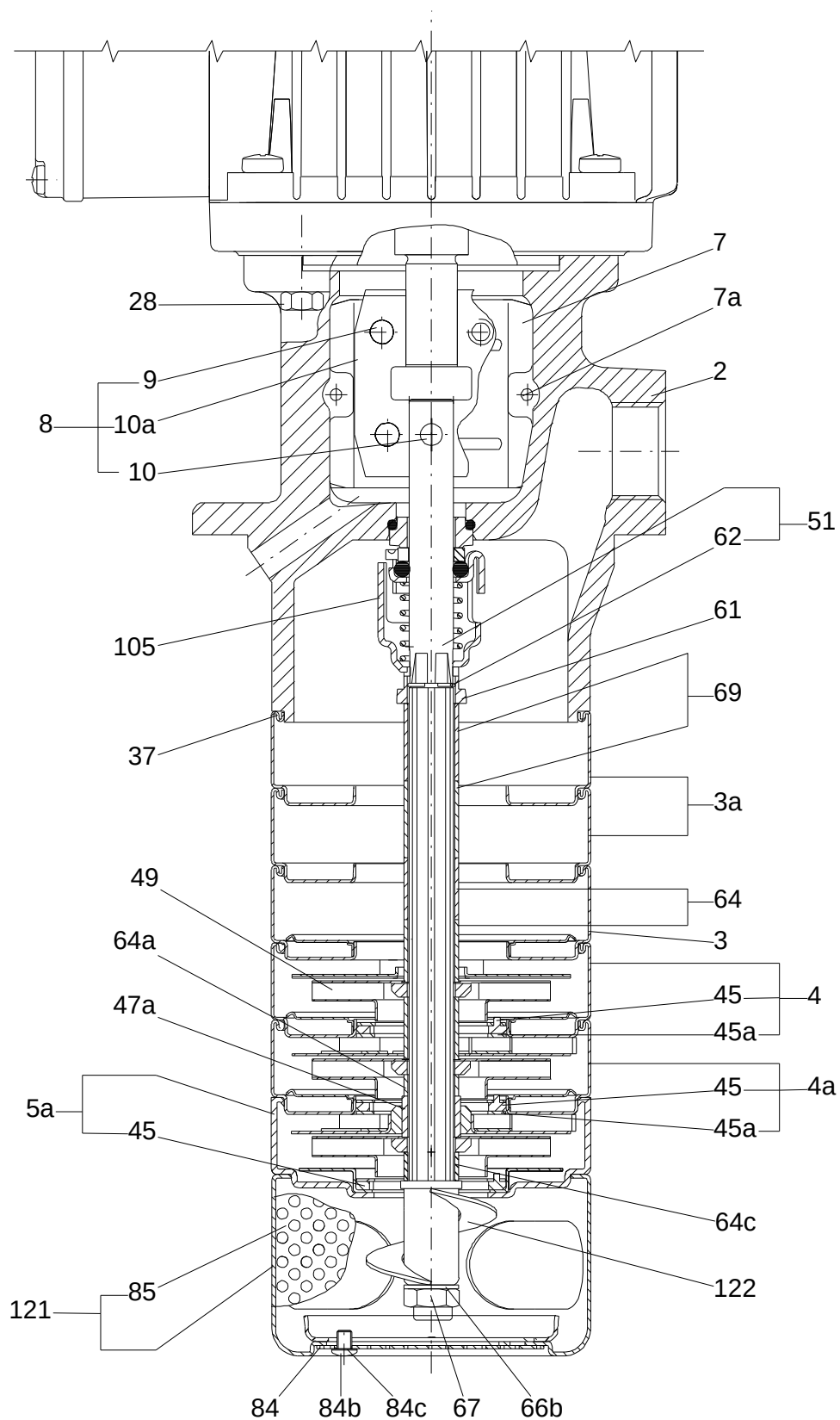
Product No.: 3AG00405

Total: Price on request

Exploded view (tm020109 1901)



Sectional drawing (tm020111 1901)



Parts list SPK 4-11/5, Prod number 3AG00405
Valid from 18.11.2014 (1447)

Position	Description	Annotation	Classification data	Part No.	Count	Unit
	Spacer				1	pcs
2	Pump head				1	pcs
- 3	Chamber w/o neck ring				1	pcs
	Guide plate				1	
	Cover plate				1	
	Guide vane				1	
3a	Chamber w/o guide vanes				1	
3a	Chamber w/o guide vanes				6	pcs
- 4	Chamber				3	pcs
-	Chamber w/o neck ring				1	
	Guide plate					
	Cover plate					
	Guide vane					
3a	Chamber w/o guide vanes					
45	Neck ring				1	
45a	Disc		Inner diameter: 31,0		1	
			Outer diameter: 40,7			
			Thickness: 1,0			
- 4a	Chamber				1	pcs
-	Chamber w/bearing ring				1	
	Chamber					
	Bearing bush					
45	Neck ring				1	
45a	Disc		Inner diameter: 31,0		1	
			Outer diameter: 40,7			
			Thickness: 1,0			
- 5a	Chamber cpl.				1	pcs
45	Neck ring				1	
7	Coupling guard				2	pcs
7a	Thread cutting screw				1	pcs
7a	Thread cutting screw				4	pcs
9	Hex socket head cap screw		Designation: DIN 912		4	pcs
			Length: 20			
			Thread: M6			
10	Shaft pin		Diameter: 5		1	pcs
			Length: 26			
10a	Coupling half				2	pcs
- 26	Strap cpl.				2	pcs
	Strap				1	
	Threaded bush				1	
36	Lock nut		Thread: M8		2	pcs
37	Gasket		Inner diameter: 80,5		1	pcs
			Outer diameter: 87			
			Thickness: 0,4			
47a	Bearing ring, rotating		Inner diameter: 13,10		1	pcs
			Outer diameter: 15,92			
			Length: 11,00			
			Material type: TUNGSTEN CARBIDE			
49	Impeller cpl.				5	pcs
- 51	Shaft cpl.				1	pcs
	Pump shaft				1	
62	Retaining ring				1	
61	Spacer for shaft seal				1	pcs

Position	Description	Annotation	Classification data	Part No.	Count	Unit
64	Spacing pipe		Inner diameter: 12,7 Outer diameter: 15 Length: 16,85		1	pcs
64	Spacing pipe		Length: 20		4	pcs
64a	Spacing pipe		Inner diameter: 12,7 Outer diameter: 15 Length: 9,0		2	pcs
66	Washer				2	pcs
66	Washer		Inner diameter: 8,4 Outer diameter: 14,6 Thickness: 0,8		1	pcs
67	Lock nut		Designation: A2 DIN985 Thread: M8		1	pcs
69	Spacing pipe		Inner diameter: 12,7 Outer diameter: 15 Length: 21		6	pcs
69	Spacing pipe				1	pcs
76	Nameplate				1	pcs
76a	Rivet				2	pcs
84	Strainer				1	pcs
84c	Disc spring				1	pcs
105	Shaft seal		Material type: AUUV		1	pcs
- 121	Holder				1	pcs
	Retainer for strainer				1	
85	Strainer				1	
122	Priming screw				1	pcs