

**TECHNICAL DATA SHEET**

 Offer No.: A181790T01\_rev0  
 Client No.: 29909

 Date: 04.10.2019  
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 1 pc Multi-stage centrifugal pump – normal suction (INLINE)  
 TYPE: **KIV-VB S-F 25/40**  
 Spare pump for serial no.: 1298221/01

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**Scope of delivery**

Pump without motor

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<b>Liquid:</b>	Demin Water			
	Which not attack the pump materials chemical and or mechanical			
Solids	none			
Operating temperature (OT)	+5	...	+55	°C
Density at OT	1000	...	985,7	kg/m <sup>3</sup>
kin. Viskos. at BT	1 mm <sup>2</sup> /s			assumption
Ambient temperature	0	...	+55	°C

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**Pump data:**

Branch	DN (mm)	PN (bar)	drilled acc. to branch position
Suction branch	65	25	DIN EN 1092-2
Discharge branch	65	25	DIN EN 1092-2
Flange type	round		
Feet position	below		
Speed	2 850	1/min	
Flow rate	20	m <sup>3</sup> /h	
Head	72,6	m	
BHP	5,4	kW	
max. Förderhöhe	85,5	m bei Q = 0	
NPSH-Pumpe	2,38	m	
Efficiency	70	%	
Max. allowable casing Pressure	15	bar	at 55 °C

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**Material without material certificates**

Upper plate	1.4404
Pump casing	1.4408
Diffuser	1.4404
Impeller	1.4404
Shaft	1.4460

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**Shaft sealing:** Mechanical seal - single

Brand	our choice
Type	our choice
Material	Carbon / SIC

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**Motor:** without

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**Approval tests:**

Pressure test at 1,5 x max. casing pressure and 20 °C  
 Function test acc. to EN ISO 9906 class 2  
 Flow-Head-Power measurement - in 5 operating points for every pump  
 NPSH measurement - in 3 operating points for one pump

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Test protocols acc. to DIN 55350: Manufacturer Test Certificate M  
Material Certificate acc. to DIN EN 10204: without

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**Painting:** acc. to Apollo standard INT/C2 – 1.2  
Primer - 2-pack - epoxy - Hempadur fast dry 15560 - 80 µm  
Final Coat - 2-pack - glossy - Hemptthane 55210 - 40 µm  
Colours: **RAL 6026** opal green  
Total dry film thickness: nominal 120 µm

**Preservation:** for short storage acc. to Apollo standard (max. 6 months)

**Nameplate:** stainless steel / English (M571-719-CE-P)

**Location:** indoor

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**Documentation:** acc. to Apollo standard for spare pumps  
Language: English

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**Accessories:** none