01 Specs 01Titel	BT 1,1-65-4 IE3	25.10.2016 AO VS.02	Project No.
Item / No.	Description/ Quantity/ Unit	Unit Price	Total
01.1 Position	**Description:** **Single-stage glanded centrifugal pump in monobloc design for installation on a base. Low-vibration and low-noise monobloc design with lantern and rigidly connected standard motor. With forced-flow circulation, direction of rotation-independent bellows mechanical seal and cavitation-reducing impeller. Flanges with pressure measuring connections R 1/8. Pump housing and lantern are cataphoretic-coated. High-efficiency motors as standard; from 0.75 kW nominal motor power: motors in IE3 technology.** Suitable only for wet assembly. **Environmental conditions for dry application (water quality):** Installation and operation in freshwater.* **Technical data:** Housing: Cast iron Shaft: Grade 316 stainless steel Impeller: Grade 14 cast iron Mechanical seal: AQ1EGG (Standard) Side opening: Cast iron Fluid pumped: Water, pure 100% Operating temperature: 20°C - 140°C Operating pressure: 0 - 16 bar Type of current: 3~ 400V/50Hz Nominal motor power: 1,1kW Nominal speed: 1450 1/min Nominal current: 2,3 A Protection class: IP 55 Pressure port: DN 65 / PN 16 Suction port: DN 80 / PN 16		

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	*				

water-quality-matrix			
	Freshwater	**Poolwater**	**Seawater**
PH.Value	**7,2 -7,6**	**7,2 -7,6**	**8**
Hardness	**8 -15 ° DH; 142 -267 ppm CaCo3**	**8 -15 ° DH; 142 -267 ppm CaCo3**	**20 -30 ° DH; 356 - 534 ppm CaCo3**
Free Chlorine	**< 0,3 mg/l; < 0,036 moz/gal**	**0,3 -0,6 mg/l; 0,036 - 0,072 moz/gal**	**< 0,3 mg/l; < 0,036 moz/gal**
Chlorine concentration	**< 250 mg/l; < 30,28 moz/gal**	**< 200 mg/l; < 24,2 moz/gal**	**<=22000 mg/l; <=2664 moz/gal**
Salinity	**n. d.**	**n. d.**	**<= 4%; <= 40.000 ppm**
Total Dry Residue	**< 50 mg/l; < 6,06 moz/gal**	**< 50 mg/l; < 6,06 moz/gal**	**< 250mg/l; < 30,28 moz/gal**
Temperature	**4 -35° C; 39 - 95 ° F**	**4 -30° C; 39 - 86 ° F**	**4 - 20 ° C; 39 - 68 ° F**

Supply and delivery according to manufacturer specifications.

Product / proof of delivery:
BT 1,1-65-4 IE3
Art. 45308

OASE GmbH
Tecklenburger Str. 161
48477 Hörstel / Germany
Phone: +49 5454 800

(or equivalent)
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Entered by the bidder