

# Technical specification



## Centrifugal Pump

Project ref.	Tekna Parma Webshop	Page	1 of 3
Model	LKH-20		
No. of units	1		
Item number	9618230902		
Name	PUMP LKH-20/165 5.5kW 50Hz		
Description	400D/690Y DIN-11850 SSS SIC/SIC EPDM BLASTED SCREW SHROUD LEGS		
Customs statistical no	84137081		

### Pump construction

Max inlet pressure	10 bar	CM condition monitor	No
Product wetted steel parts	W. 1.4404 (316L)		
Impeller material	W. 1.4404 (316L)		

### Casing

Connection type	Union DIN 11851 for DIN 11850 tubes	Inlet size	DN-65
Outlet size	DN-50	Internal finish spec.	Standard-Blasted
Drain diameter	No drain	Heating jacket	No
Outlet position	0°	Drain connection	No drain

### Shaft seal

Seal type	Single shaft seal	Rotary face material	Silicon Carbide
Stationary face material	Silicon Carbide	Elastomers	EPDM

### Impeller

Impeller Size	165 mm	Impeller screw	Yes
Inducer	No	Wide clearance	No
		Clear Flow	No

### Certificate

Performance Test	Visual inspection of pump	Surface finish	No
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### Options

Shroud	Yes	Legs	Yes
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### ATEX

Atex approved	No		
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Project ref. Tekna Parma S.r.l. 1045003  
Model LKH-20  
No. of units 1

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## Motor specification

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Motor vendor	Weg	Size	5,5 kW
Speed	Full speed	Frequency	50Hz
Voltage	400D/690Y	Motor Features	Standard
Efficiency Level	No Requirements	Special Compliance	Australian MEPS

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Project ref. Tekna Parma S.r.l. 1045003  
Model LKH-20  
No. of units 1

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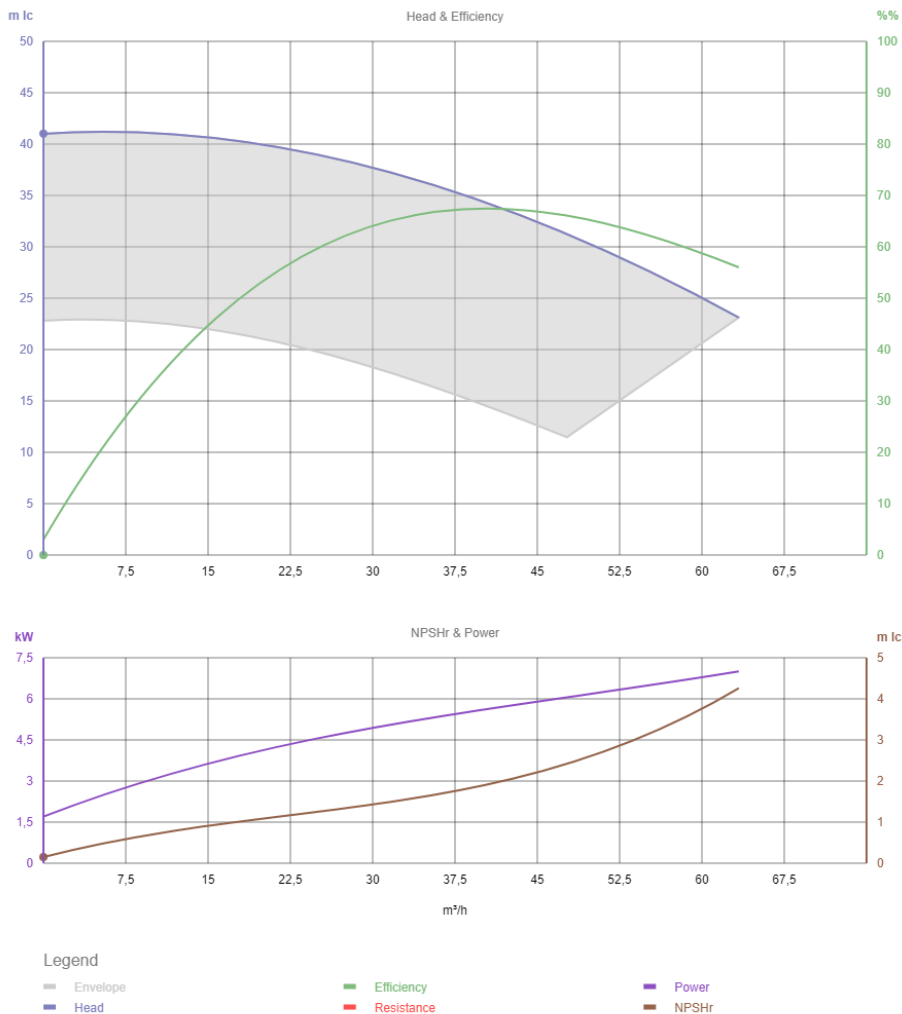
### Performance curves based on Water 5°C

Specific gravity 1,0  
Viscosity 1 cP

### Data points

Speed 2.945 rpm  
Max. Power 5,5 kW

### Duty input



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