

# Technical specification



## Centrifugal Pump

|                        |  |      |        |
|------------------------|--|------|--------|
| Project ref.           | Tekna Parma Webshop  | Page | 1 of 3 |
| Model                  | LKH-25   |      |        |
| No. of units           | 1  |      |        |
| Item number            | 9618231178   |      |        |
| Name                   | PUMP LKH-25/205 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-80            |
| Outlet size     | DN-65                               | 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 | 205 mm | Impeller screw | Yes |
| Inducer       | No     | Wide clearance | No  |
|               |        | Clear Flow     | No  |

### Certificate

|                  |                           |                |    |
|------------------|---------------------------|----------------|----|
| Performance Test | Visual inspection of pump | Surface finish | No |
|------------------|---------------------------|----------------|----|

### Options

|        |     |      |     |
|--------|-----|------|-----|
| Shroud | Yes | Legs | Yes |
|--------|-----|------|-----|

### ATEX

|               |    |  |  |
|---------------|----|--|--|
| Atex approved | No |  |  |
|---------------|----|--|--|

# Technical specification



## Centrifugal Pump

Project ref. Tekna Parma S.r.l. 1045003  
Model LKH-25  
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 |

# Technical specification



## Centrifugal Pump

Project ref. Tekna Parma S.r.l. 1045003  
Model LKH-25  
No. of units 1

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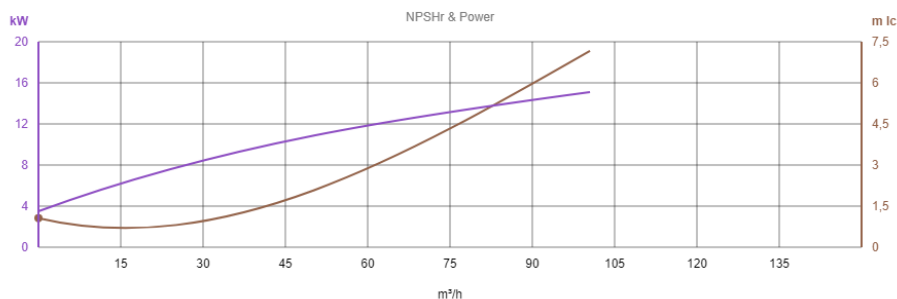
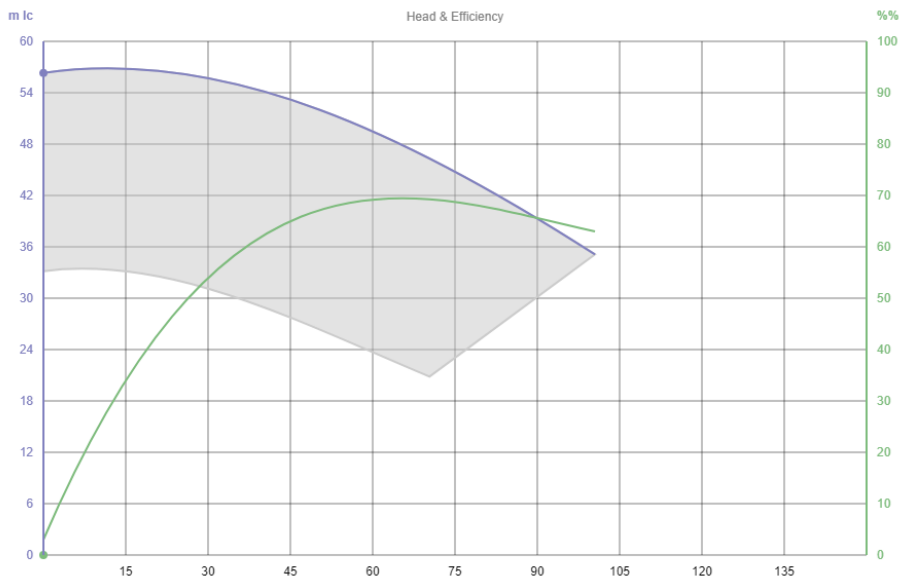
### Performance curves based on Water 5°C

Specific gravity 1,0  
Viscosity 1 cP

#### Data points

Speed 2.945 rpm  
Max. Power 5,5 kW

#### Duty input



#### Legend

Envelope  
Head  
Efficiency  
Resistance  
Power  
NPSHr

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