

**Customer**

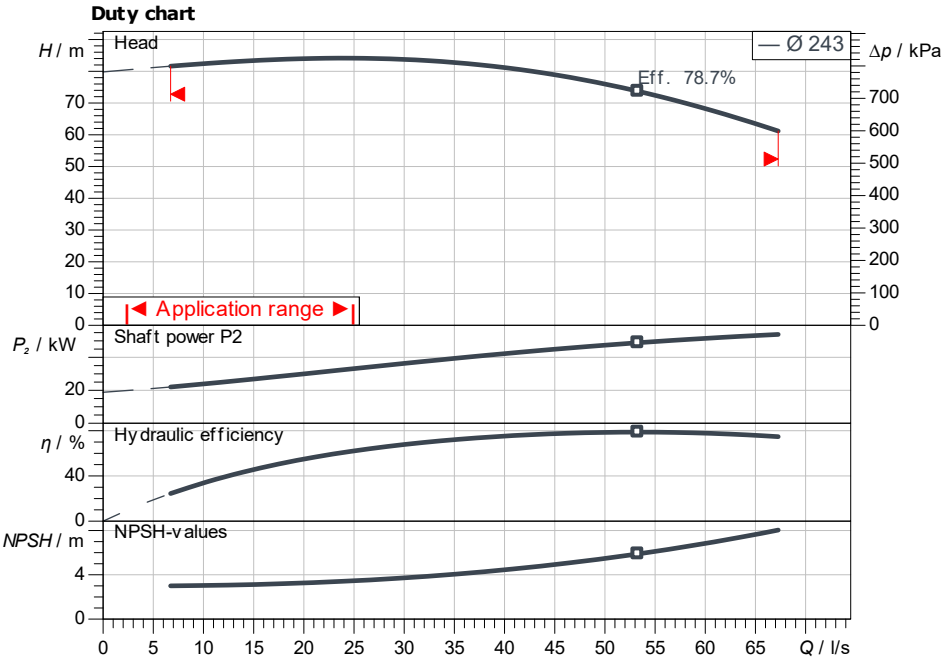
## Technical data

### Glanded monobloc pump Atmos GIGA-B 80/230-55/2

Project ID                      Untitled project 2025-03-01 17:45:51.999

Project name  
Installation location  
Customer pos. No.

Date                      2025-03-01



**Requested data**

Flow  
Head  
Media                      Water 100 %  
Fluid temperature           20.00 °C  
Density                      998.30 kg/m<sup>3</sup>  
Kin. viscosity                1.00 mm<sup>2</sup>/s

**Hydraulic data (Duty point)**

Flow  
Head  
Shaft power  $P_2$   
Hydraulic efficiency  
NPSH

**Product data**

Glanded monobloc pump  
Atmos GIGA-B 80/230-55/2  
Max. operating pressure           1,600 kPa  
Fluid temperature                -20 °C ... +140 °C  
Max. ambient temperature        40 °C  
Minimum efficiency index (MEI)   ≥ 0.4

**Motordata per Motor/Pump**

Motor efficiency level               IE3  
Mains connection                3~ 400 V / 50 Hz  
Permitted voltage tolerance       + -10 %  
Rated speed                        2,900 1/min  
Rated power  $P_2$                    55.00 kW  
Rated current                       95.50 A  
Power factor                        0.89  
Efficiency                         50% / 75% / 100%               94.3/ 94.6/ 94.3%  
Degree of protection               IP55  
Insulation class                    F  
Motor protection                    PTC integrated

**Fitting dimensions**

Pipe connection on the suction side   DN 100, PN 16  
Pipe connection (pressure side)       DN 80, PN 16  
Port to Port                        -

**Materials**

Pump housing                       5.1301, EN-GJL-250 cataphoretic-coated  
Impeller                            EN-GJL-200  
Lantern                            5.1301/EN-GJL-250  
Shaft                                1.4122  
Shaft seal                         AQ1EGG

**Information for order placements**

Weight approx.                   496 kg  
Item number                        2228046

