

# Close-Coupled Pump in SS

DZA

# JET

ALPHA GROUP

Close-coupled type pumps according to EN 733 and DIN 24255, for medium duty industrial applications. Light weight pump casing in stamped stainless steel.



## Technical Data

Flow Rate	: up to 130 m <sup>3</sup> /h
Total Head	: up to 57 m
Discharge	: 32 - 65 mm
Water Temperature	: max. 80 °C (special design up to 110 °C)
Max. Operating Pressure	: up to 10 bar
Speed	: 1450, 2900 rpm

Please contact us if you have a requirement outside this range, as this range is under development.

## Application

A wide range of applications for transporting clean fluids in domestic and light industrial applications.

DZA pumps are widely found in water supply and water pressure boosting systems, water boiler feeding, pure water treatment systems, washing and sprinkler, food refining, etc.

## Advantages

- Energy saving, close-coupled end-suction type centrifugal pump
- Stub-shaft connection to the motor. No alignment required.
- According to DIN 24255 and EN 733 standards ensures compatibility
- Standard IEC-motor
- Simplified maintenance
- Available in SUS 304 and SUS 316L, enables use with all chemically light-aggressive fluids



@ALPHAGROUP



0-2792-9333



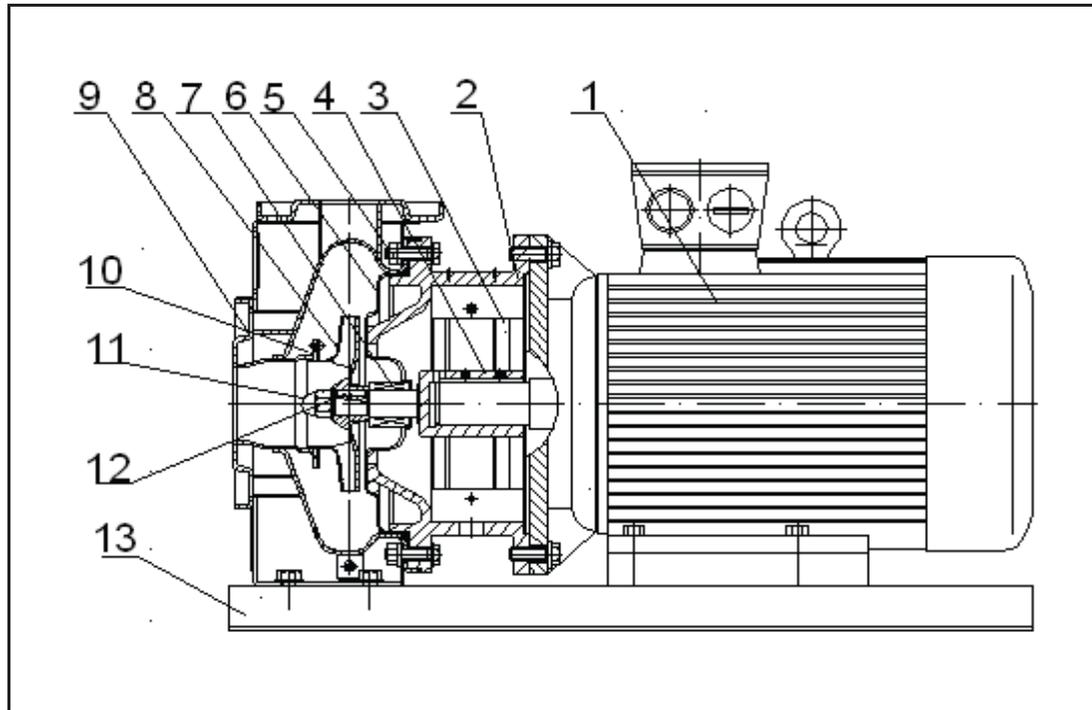
www.alphagroup.co.th

# Close-Coupled Pump in SS

DZA



## Sectional View and Material Components



Part No.	Description	Material	Material Code AISI / ASTM
1	Motor	Manufacturer's standard	
2	Motor Bracket	Cast Iron	ASTM 25B
3	Guard Plate	Stainless Steel	AISI 304
4	Stub Shaft	Stainless Steel	AISI 420 / AISI 304
◆	5	Rubber Parts	Rubber EPDM
◆	6	Lining of Pump Head	Stainless Steel AISI 304
◆	7	Mechanical Seal	Carbon / SiC
◆	8	Impeller	Stainless Steel AISI 304
	9	Casing	Stainless Steel AISI 304
◆	10	Wear Ring	PTEF PTEF
◆	11	Impeller Nut	Stainless Steel AISI 304
◆	12	Impeller Key	Stainless Steel AISI 304
	13	Base Plate	Carbon Steel ASTM A570

- ◆ Recommended Spare Parts  
316L Stainless Steel pump parts on request

# Close-Coupled Pump in SS

DZA

# JET

ALPHA GROUP

## Design

### Hydraulic Parts

All Stainless Steel, horizontal single-stage, not self-priming centrifugal pump. Suitable for various media, including water or industrial Fluids.

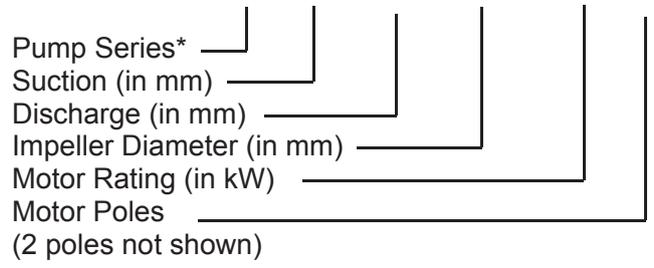
Standard material: stainless steel AISI 304, optionally available in AISI 316L

Performance and dimensions are in compliance with EN 733 and DIN 24255.

The assembly dimensions of the mechanical seal are in compliance with DIN 24960 / ISO 3069.

## Pump Identification

DZA 65 - 40 - 125 / 0.75 - 4

Pump Series\* 

Suction (in mm)

Discharge (in mm)

Impeller Diameter (in mm)

Motor Rating (in kW)

Motor Poles

(2 poles not shown)

## Electric Motor

The motor is a standard TEFC-type, squirrel cage meeting IEC-standards.

Enclosure: IP 55

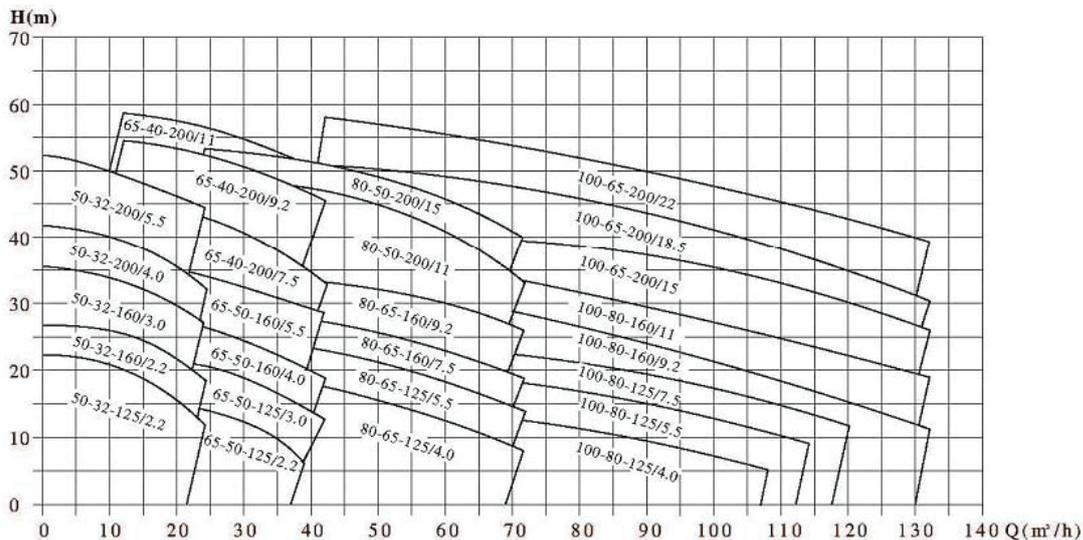
Insulation Class: F

Speed: 1450 or 2900 rpm (1750 or 3500 rpm on request)

Standard Voltage: 220 – 240 V, 1~, 50 Hz

380 – 415 V, 3~, 50 Hz

## Pre-Selection Chart



@ALPHAGROUP



0-2792-9333



www.alphagroup.co.th