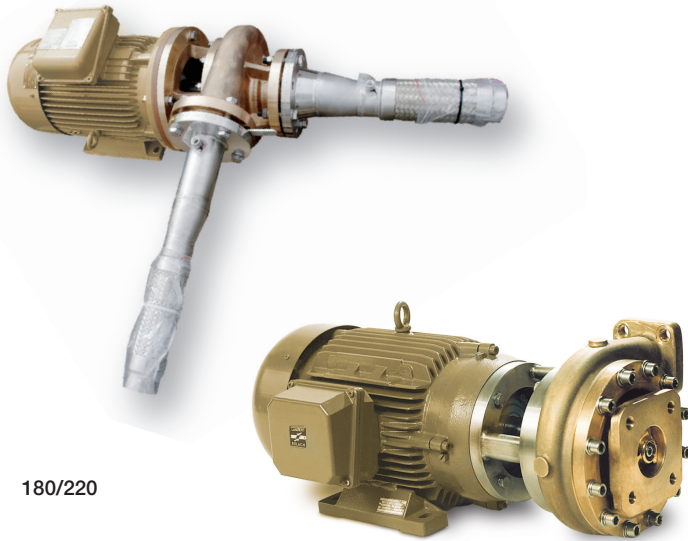


# Model DCPS Transfer Pumps



180/220

## Specifications

Pump Size	units	180mm – 220mm
	gpm	20 – 200
Flow Range	lpm	75 – 750
	feet	0.52 – 3.9
NPSHR	meter	0.16 – 1.2
	feet	180 – 328
Differential Head	meter	36 – 100
	hp	7.3 – 34.8
Pump Design Rating	kw	5.5 – 18.5
	rpm	2,950 – 4,000

Consult Nikkiso ACD engineering to confirm available sizes and ratings.

## Features & Benefits

- Two pump sizes accommodate a wide range of flows
- Direct drive by fixed speed electric motor
- Specialty design for high suction pressures up to 22 bar
- An inducer lowers the NPSH requirement
- Special mechanical shaft seal for CO<sub>2</sub> & N<sub>2</sub>O duty

## Applications

- Trailer and container loading and unloading
- Liquid storage transfer

## Liquids Pumped

- Carbon Dioxide
- Nitrous Oxide

## Typical Scope of Supply

- Single-stage pump equipped with low NPSHr inducer
- Direct driven with motor
- Variable frequency drive electric motor
- Mechanical seal with carbon seal ring, specially designed for high suction pressures and LCO<sub>2</sub>

## Optional Accessories

- Pump skid assembly
- Bearing purge kit
- Spare parts kit