



Transfer Pump CS



★ **DISTRIBUTION**
CRYOSTAR

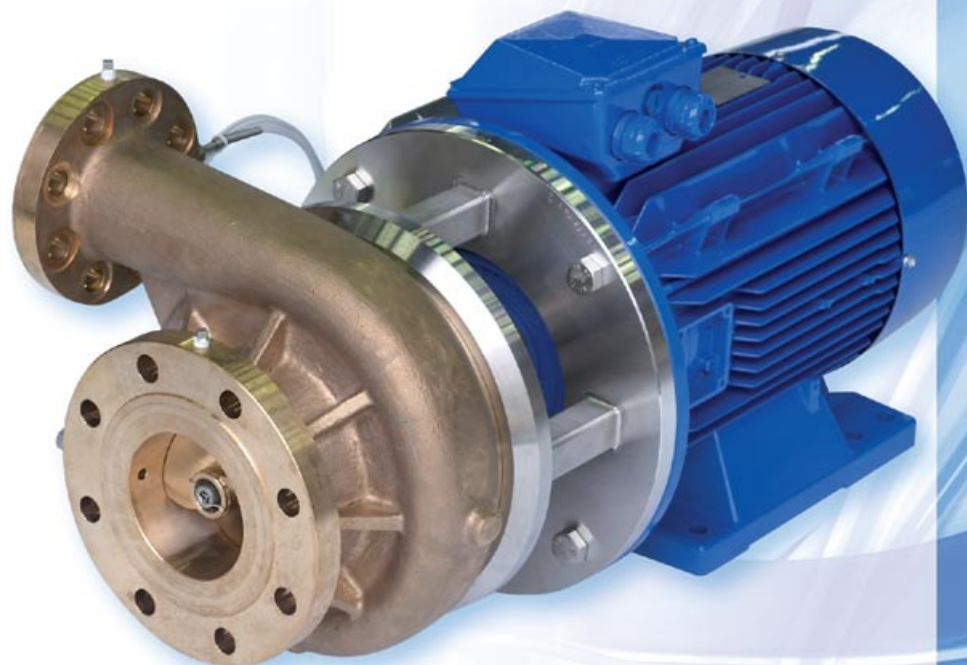
★ **PROCESS**
CRYOSTAR

Technical Index

★ Pump ID Meaning

CS / 260 / 5
(model) (Impeller Ø in mm) (Impeller tip width in mm)

Applications	Stationary pump for liquid transfer
	Road tankers
Liquids pumped	LO ₂ , LN ₂ , LAr
Drive type	Direct coupled
Design pressure	Up to 36 bars / 520 PSI



★ Test Procedure

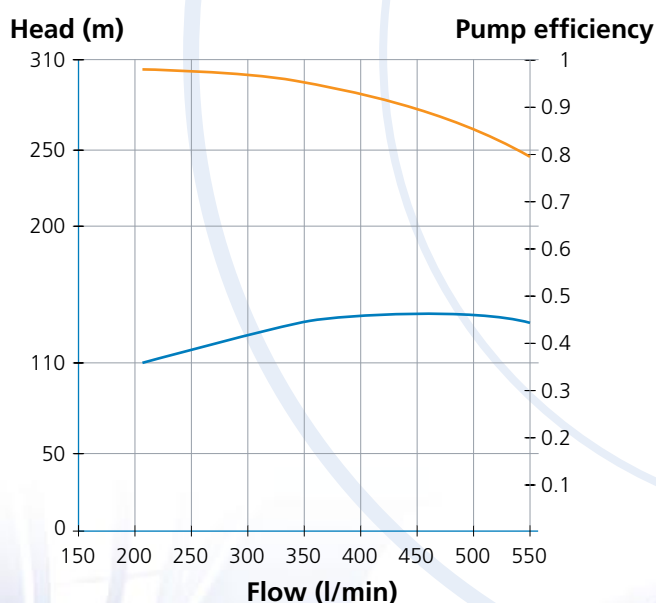
Each pump manufactured by CRYO-STAR is mechanically and cryogenically tested prior to shipment in our state-of-the-art testing facility to ensure that performance meets customer specification. The precision of measuring devices provides essential results : differential head, flow rate, seal gas consumption, pump efficiency, NPSH, noise and vibration levels – all documented and submitted to the customer.

★ Quality

Designed in compliance with guidelines like IGC 11/82 norm



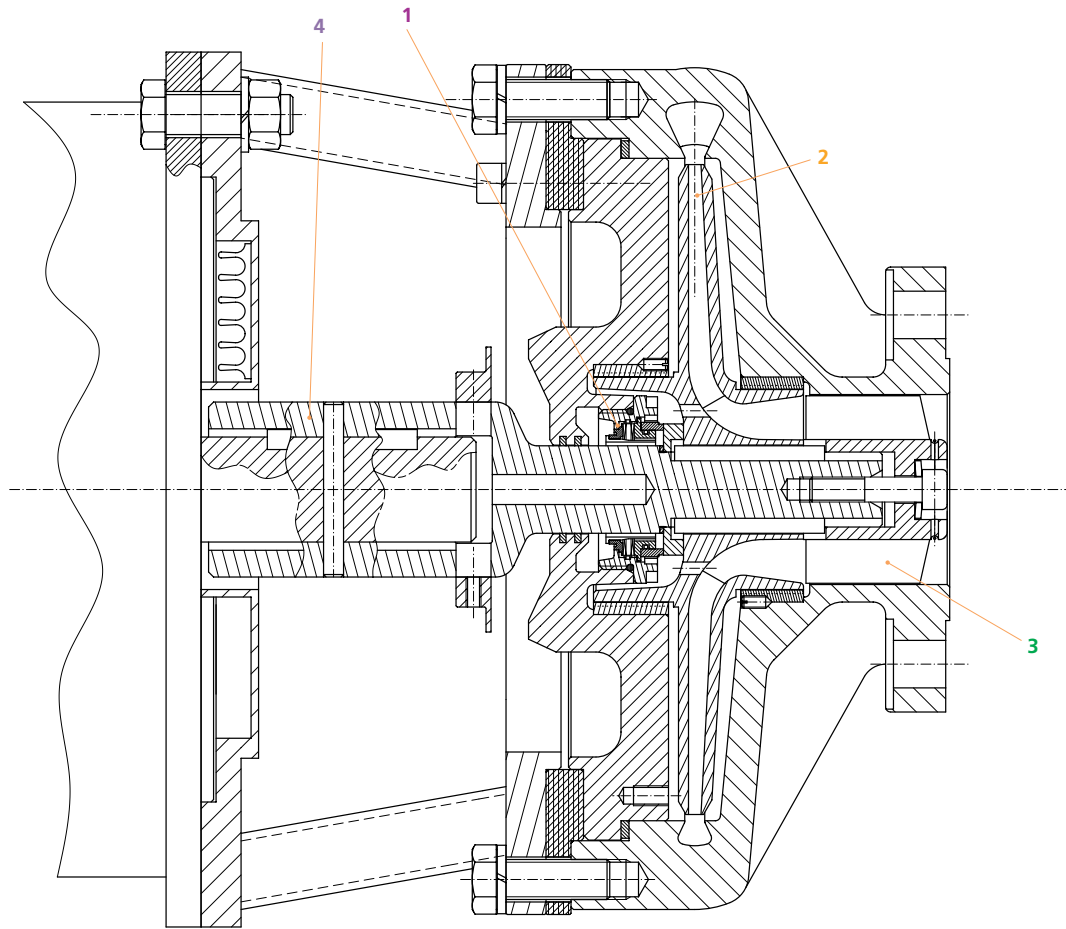
★ Performance





★ Features

- 1 Composite Cryostar type mechanical seal: 4 times longer life time than standard carbon seals
- 2 High hydraulic efficiency closed impeller.
- 3 Helical inducer allowing low required NPSH
- 4 Direct coupled pump without gearbox avoiding use of oil
- 5 The speed of the pump can be adjusted through the variable speed motor
- 6 The pump is working at a very low noise level
- 7 ALLEN BRADLEY or VACON frequency variator, with a power capacity up to 37 KW, and an intensity up to 72 A



Permacold barrier consisting of:

- ★ Volute separated from the electrical motor by an open intermediate piece with 4 hollow arms. This intermediate piece only presents 4 contacts points for low thermal conductivity.
- ★ Hollow shaft reducing the thermal conductivity to minimum.
- ★ Thick insulation plate providing low thermal conductivity

For more details please contact your local Cryostar representative



CRYOSTAR Automation	tel : +33 (0) 5 65 80 20 20	info@cryostar.com
CRYOSTAR Brazil	tel : +55 11 5092 5262	brazil@cryostar.com
CRYOSTAR China	tel : +86 571 8536 8331	china@cryostar.com
CRYOSTAR France	tel : +33 (0) 3 89 70 27 27	info@cryostar.com
CRYOSTAR Singapore	tel : +65 6276 7441	singapore@cryostar.com
CRYOSTAR UK	tel : +44 1709 702 777	uk@cryostar.com
CRYOSTAR USA East	tel : 1-800-483-1052	usa@cryostar.com
CRYOSTAR USA West	tel : +1 (562) 903-1290	usa@cryostar.com
CRYOSTAR USA - Houston Office	tel : +1 (713) 661-6000	usa.houston@cryostar.com