

HMCS-J49(JCS2)



Type: Double Cartridge Seal,
Suit for Sulzer Process Pumps

Replacement: Crane JCS2

Temperature: -40 to +180°C

Pressure: ≤ 15 Mpa

Speed: ≤ 15 m/s

Material : Q1,Q2,U2,T,V,M1,F,G,M

Features:

1. The seal is fully integrated into the pump.
2. No measurements required for installation, reducing risk for error.
3. Shaft misalignment does not pulsate the spring or wear out the O-ring.
4. Torque transmission with super elastic devices, combined with no dry running at seals faces. This eliminates possible start-up failures.
5. Seal utilizes the integrated and advanced SmartFlow seal water control technology, reducing more than 90% seal water savings usage.

Parameters:

Temperature: 120/350C

Pressure Limits:

Process pressure: 350 psi(g) / 25 bar(g)

Seal water pressure: 215 psi(g) / 15 bar(g)

Speed Limits: 65fps/20m/s

Standard Materials

Seal faces: SiC/SiC or SiC/SiC

O-rings: PTFE (product side), EPDM, Viton

Metal parts: EN 1.4436/1.4460 (AISI 316/329)

Springs: EN 1.4436 (AISI 316)

