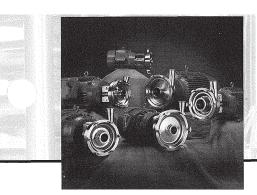




BULLETIN CLM-96



CL Series Pumps Product Data / Specifications

Construction Materials & Order Information

Standard design

The CL Series pump consists of a standard NEMA C-flange motor, stub shaft, mechanical compression coupling, adapter, front cover, impeller, pump casing and shaft seal.

The CL pump is designed for CIP, and is accepted as meeting the 3A sanitary standards by the appropriate committees of the International Association of Milk, Food and Environmental Sanitarians, the U.S. Public Health Service, and the Dairy Industry Committee. The 3A standard specifically covering Centrifugal Sanitary Pumps is available from the International Association of Milk, Food and Environmental Sanitarians, Inc., 320 Bluff Road, Columbia, SC 29209-3502.

Shaft seal options

DG seal

Description: external balanced seal Seal face material: Carbon (rotating) on SiC (stationary)

EG seal

Description: water cooled, balanced, double mechanical seal

- Seal face material: Front seal: Carbon (rotating) on SiC (stationary)
 - Rear seal: Carbon (rotating) on stainless steel (stationary)

FG seal

Description: water cooled, balanced, single mechanical and lip seal Seal face material:
■ Rotating seal: Carbon (rotating) on SiC (stationary) ■ Lip seal: PTFE

Materials of construction

Product contact surfaces: Stuffing box	316L stainless steel
(EG & FG seals only):	316L stainless steel
Finish:	32 Ra
Elastomers:	EPDM rubber
Adapter:	Cast iron
Technical data	
Fittings:	Tri-Clamp [®] (inlet and outlet)
Legs:	A leg assembly is supplied as standard for all pumps supplied with motors up to frame size 280
Maximum inlet pressure:	145 psi (10 bar)
Temperature range:	14°F to 284°F (-10°C to +140°C)
Noise level (at three feet):	60-80 dB (A)



CL Series Pumps

Flushed seal:

LO SCal		
Water pressure:	Normally atmospheric – maximum 145 psi (10 bar)	
Water consumption:		
FG Seal		
Water pressure:	Normally atmospheric – maximum 14.5 psi (1 bar)	
Water consumption:	, <u>,</u> , , ,	
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Note: for WFI applications, no seal flusb water cooling is required for service		
up to 200°F (93°C).		
Shaft seal options:	SiC on rotating shaft seal	
office of the options.		

SiC on stationary rear seal (EG only)

Materials of construction

SFY (fluoroelastomer) PTFE encapsulated SFY

Adapter:	Unpolished stainless steel	Fittings:	Bevel seat thread NPT female thread
	Polished stainless steel	Inlet connec	Flanged Inlet connection size: An option for
Finish:	Industrial finish 20 Ra		6" inlet exists on model 4488 ONLY
Elastomer	s: Buna N		

Order Information

