



MATERIALS of CONSTRUCTION
Models: CCLGLD4A

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Section	501

PART NAME	STANDARD MATERIALS	AVAILABLE OPTIONS
Casing, Heads, Relief Valve Cover	Ductile Iron: DIN EN 1563	
Relief Valve Cap	Steel	
Discs, Liner	Cast Iron: ASTM A48	
Bearing Covers	Steel	
Bearings	Ball (Single Row); Grease Lubricated	
Bearing Locknut and Lockwasher	Steel	
Rotor & Shaft	Double End Keyed Shaft, 6 Vane Rotor	
Rotor	Ductile Iron: ASTM A536	
Shaft	High Strength Steel	
Relief Valve CCLGLD4A	Plated Cast Iron: ASTM A48	
Relief Valve Spring	Plated Steel	
Relief Valve Spring Range	126 psi – 150 psi	
O-Rings: Other than Mechanical Seal	Nitrile (Low Temp Blend)	
Gaskets, Bearing Cover	Fiber	
Vanes	Duravane - Full Size with Stainless Steel Wear Plate	
Push Rods		
CCLGLD4A	Non-metallic Composite	
Mechanical Seals		
Stationary O-Ring	Nitrile (Low Temp Blend)	
Stationary Seat	Hardened Steel	
Rotating O-Ring	Nitrile (Low Temp Blend)	
Rotating Seal Face	Carbon	
Seal Jacket	Plated Steel	
Seal Spring	Stainless Steel	
Gage Ports	1/4" NPT	

¹ Relief Valve Springs are factory set at the range midpoint unless otherwise specified.

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PIPE COMPANION FLANGES

PUMP SIZE	STANDARD	OPTIONAL
SGLD4B	3" x 4" Weld Flanges Steel: ASTM A216 WCB	

OPERATING LIMITS

Minimum Temperature	-40°F (-40°C)
Maximum Differential Pressure	CCLGLD4A: 125 psi (8.62 bar)
Maximum Working Pressure	525 psi (36.20 bar)

