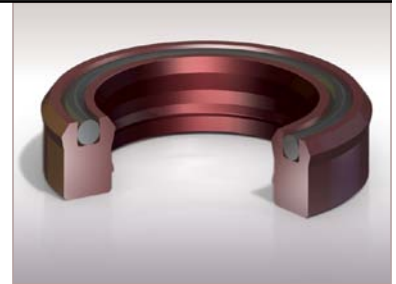


22KE Rod and Piston Seals

Energized dual component for added stability

The Chesterton® 22KE is a single-acting, continuous U-cup design which incorporates the use of an O-ring to increase pre-load capabilities. The O-ring energizes the seal in the absence of system pressure and provides stability at higher temperatures. This seal design is offered as a rod or piston seal and provides excellent performance in hydraulic applications.

The 22KE design is manufactured using a machining process which allows the flexibility to create any size based on equipment dimensions. The special seal lip geometry provides an optimal preload to maximize performance while the negative rake design eases installation.

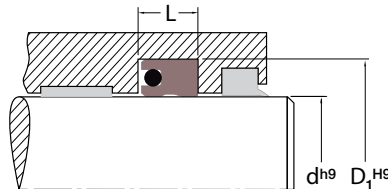
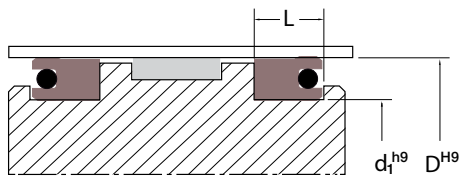


- *Single-acting U-cup design, zero leakage throughout the entire operating range*
- *O-ring loader energizes seal and provides stability at higher pressures*
- *Abrasion-resistant design, excellent performance in hydraulic applications*
- *Lip geometry stabilizes seal to prevent rolling and eases installation*
- *Machining process allows the flexibility to create any size*

SPECIFICATIONS

*Material (designation)	Size Range mm (inch)	Temperature °C (°F)	Pressure bar (psi)	Speed m/s (ft/min)
AWC700 (FKM)	6 to 152 (1/4 to 6)	-30 to 200 (-20 to 400)	345 (5,000)	1.5 (300)
AWC800 (EU)	6 to 1320 (1/4 to 52)	-50 to 85 (-60 to 185)	1035 (15,000)	0.9 (185)
AWC830 (EU)	6 to 254 (1/4 to 10)	-35 to 75 (-30 to 165)	520 (7,500)	0.9 (185)
AWC860 (EU)	6 to 508 (1/4 to 20)	-50 to 120 (-60 to 250)	1035 (15,000)	1.25 (250)

*O-ring material is FKM



PRODUCT PROFILES:



To place an order:

Product profile: _____
 Material: _____
 Rod or ram diameter (d): _____
 Diameter (D₁): _____
 Groove height (L): _____

To place an order:

Product profile: _____
 Material: _____
 Piston groove diameter (d₁): _____
 Cylinder bore diameter (D): _____
 Groove height (L): _____



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Chesterton's global capabilities include:

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- Global manufacturing operations
- More than 500 Service Centers and Sales Offices worldwide
- Over 1200 trained local Service Specialists and Technicians

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