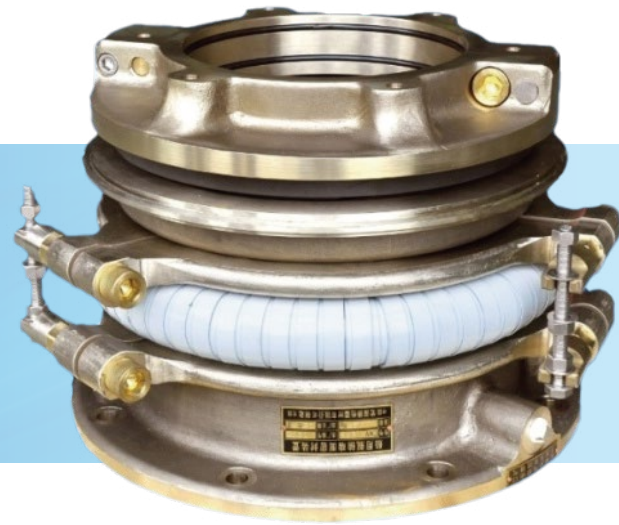


1 船舶艉轴密封装置

Stern Shaft Seal



CWM 系列抗冲击型 船舶艉轴密封装置

CWM Series Anti-shock Stern Shaft Seal

产品特点 Product Features

- ◆ Ω型弹性补偿机构，轴向、径向大位移自动补偿。
- ◆ 受大冲击干扰时不易损坏或卡轴，并迅速恢复密封状态。
- ◆ 剖分式结构，动、静密封摩擦副耐磨损且易更换维修。
- ◆ 耐海水腐蚀，寿命长，维护成本低，无需附加润滑系统。
- ◆ 适用于各类船舶轴系艉舱室水密封。
- ◆ Automatic compensation of both axial and radial displacement due to Ω-type elastic compensation structure.
- ◆ Uneasy to be damaged or jammed under high impact environment.
- ◆ Dynamic & Static friction pairs, easy maintenance due to split structure.
- ◆ Anti-corrosion, easy maintenance, good environmental adaptability, long life span.
- ◆ Applied for marine ship stern shaft seals.

主要参数 Main Specifications

- ◆ 适用轴径：Φ100~Φ690mm
- ◆ 适用转速：0~800rpm（随轴径确定）
- ◆ 适用水压：≤0.15MPa
- ◆ 水泄漏量：≤Φd×1.5/100(L/h)
- ◆ Shaft Diameter：Φ100~Φ690mm
- ◆ Rotating Speed：0~800rpm
- ◆ Water pressure：≤0.15MPa
- ◆ Water leakage：≤Φd×1.5/100(L/h)

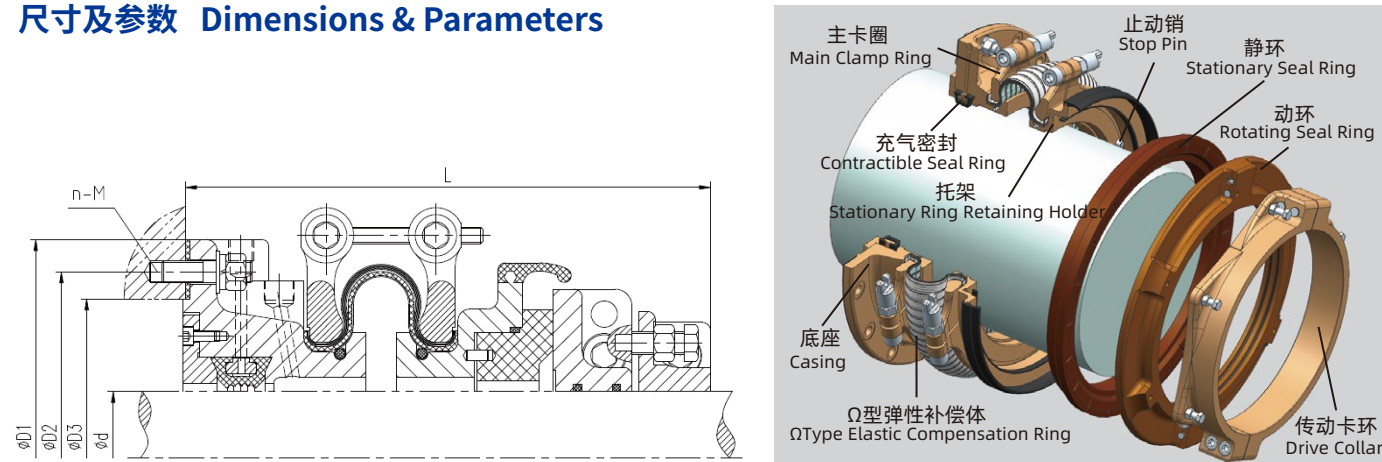
选型原则 Model Selection Principle

- ◆ 根据安装艉轴密封装置处轴径（或轴套外径）和接口尺寸要求选择相应型号规格。
- ◆ 该系列产品需预留足够的维修操作空间。
- ◆ 轴径、接口等可根据用户要求进行设计。
- ◆ Selecting according to the installation of stern shaft sealing device diameter of shaft (or collar diameter) and interface size requirements.
- ◆ Setting aside enough maintenance operation space.
- ◆ Customized design can be done (shaft diameter, connecting interface, etc)

适用标准 Applicable Standard

GJB4000-2000 GB/T25018-2010 GJB150.18-1986 CCS中国船级社认证 (China Classification Society Certificate)

尺寸及参数 Dimensions & Parameters



型号 Model	尺寸参数 Dimensions(unit:mm)						技术指标 Technical Specification	
	d	D1	D2	D3	L (预压缩前) Pre-compression	n-M	轴向最大位移补偿量 (mm) Maximum Axial direction displacement-compensation	水泄漏量 Water leakage (L/h)
CWM100	100	340	310	280	≈330	8-M12	±4	≤1.5
CWM110	110							≤1.7
CWM120	120							≤1.8
CWM130	130							≤2
CWM140	140							≤2.1
CWM150	150							≤2.3
CWM160	160	420	370	330	≈374	8-M16	±6	≤2.4
CWM170	170							≤2.6
CWM180	180							≤2.7
CWM190	190							≤2.9
CWM200	200							≤3
CWM210	210							≤3.2
CWM220	220	460	413	374	≈380	8-M16	±6	≤3.3
CWM230	230							≤3.5
CWM240	240							≤3.6
CWM250	250							≤3.8
CWM260	260							≤3.9
CWM270	270							≤4.1
CWM280	280	500	450	410	≈410	12-M16	±8	≤4.2
CWM290	290							≤4.4
CWM300	300							≤4.5
CWM310	310							≤4.7
CWM320	320							≤4.8
CWM340	340							≤5.1
CWM360	360	570	520	480	≈425	12-M16	±8	≤5.4
CWM380	380							≤5.7
CWM400	400							≤6
CWM440	440							≤6.6
CWM480	480							≤7.2
CWM520	520							≤7.8
CWM560	560	820	800	740	≈520	16-M20	±10	≤8.4
CWM600	600							≤9
CWM640	640							≤9.6
CWM670	670							≤10
CWM690	690							≤10.5
CWM690	690							1120

注：表列参数为标准设计供参考，可按用户实际需求进行设计制造。
Customized design can be done.