

碳化矽陶瓷軸承

SiC Ceramic Bearing For Industry

產品特色 *Product Feature*

耐腐蝕性比其他陶瓷材料佳
Excellent chemical resistance than other ceramic material.

耐高溫&高熱傳導率
High temperature resistance & High thermal conductivity.

硬度高，低摩擦係數
Excellent hardness and wear resistance.

應用場合 *Application*

滾珠軸承用於強酸輸送環境
Ball bearing for strong acid chemical conveyor system.

PUMP 內軸承套件
Bearing bushes for Pump

陶瓷材質耐化性比較

Chemical compatibility for different ceramic material

化學類型 Chemical Type	材質 Material	陶瓷材質 Ceramic Material			不鏽鋼
		氧化鋯 ZrO2	氮化矽 Si3N4	碳化矽 SiC	SUS440C
弱酸 Weak Acid		○	○	◎	X
強酸 Strong Acid		○	△→○	◎	X
鹼 Alkali		○	○	◎	△
高濕 Humid		◎	○	◎	△
價格 Cost		Middle	High	High	Low

◎Excellent ○Good △Application Limited X Not Recommend



SC Series

內 外 環	Rings	Silicon Carbide (SiC)
保 持 器	Retainer	Teflon Resin
滾 珠	Ball	Silicon carbide (SiC)
產品料號	P/N	SC□□□□KC

