



POWER STEERING SEALS

StreamSyn

SUPPORTING CUSTOMERS
BY CREATING VALUE ADDED SEALING PRODUCTS & SOLUTIONS



OIL SEAL PRODUCTS FOR POWER STEERING

Power steering is the lifeline of modern day transportation. It is classified into two categories: rack & pinion and steering gear. Rack & pinion includes hydraulic power steering and electric power steering. NAK's hydraulic power steering seals are designed with excellent quality especially for high pressure resistance and dust prevention. Electric systems have an advantage in fuel efficiency because there is no hydraulic pump, and only use the seal to prevent dust. NAK also offers steering gear seals for use in the re-circulation ball screw type on trucks.



Hydraulic Power Steering



Electronic Power Steering



Power Steering Pump

RACK & PINION SEALS

TC4P Series



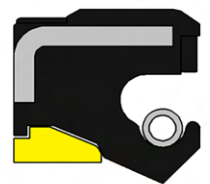
TG4P Series



SC4P Series



CNB Series



POWER STEERING PUMP SEALS

TC



TZ3

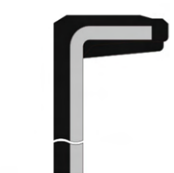


EPS SEALS

KC13



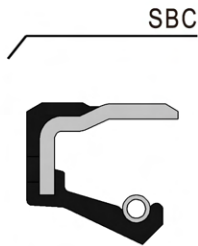
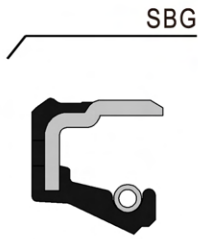
EC





POWER STEERING SEALS

(TRANSMISSION PUMP SEALS)

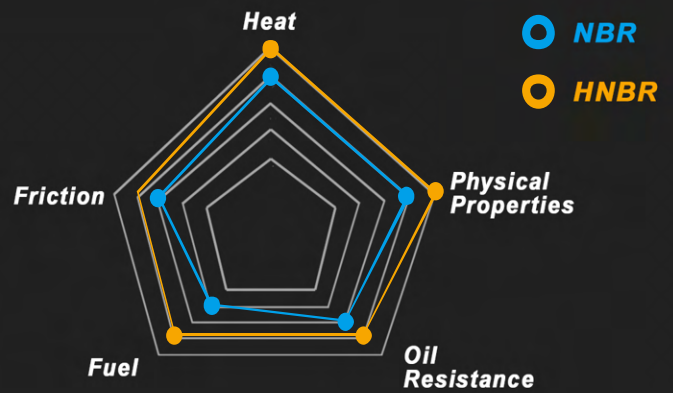


(Transmission Pump)

These are example types of NAK Transmission Pump Seal. For more information please contact us.

MATERIAL

While NBR is still the most widely used material for power steering seals, in many cases HNBR is replacing NBR especially for applications with higher pressure, more extreme temperature, higher friction and higher heat generation.

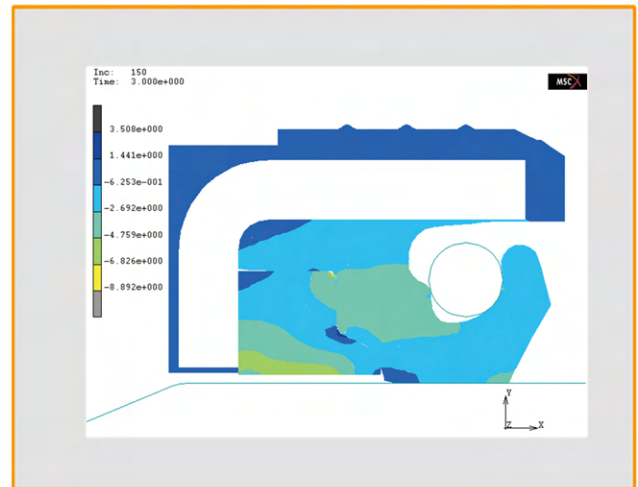


RELIABILITY

DYNAMIC SIMULATION TEST



FINITE ELEMENT ANALYSIS



If you require any further information, please feel free to contact us at service@mail.nak.com.tw