

NON-METALLIC CHEMICAL PROCESS PUMPS



NKP Series

Tailored for all chemical applications

Armour

- These specialized casing liners offer several advantages like Improved impact resistance, Robust metal armour reliably accommodates all allowable system pressures for liner protection and piping loads.
- Extended Service Life: By providing an additional layer of defence against various forms of wear and damage, armour contributes to extended service life for non-metallic pumps, reducing the frequency of maintenance and replacement.



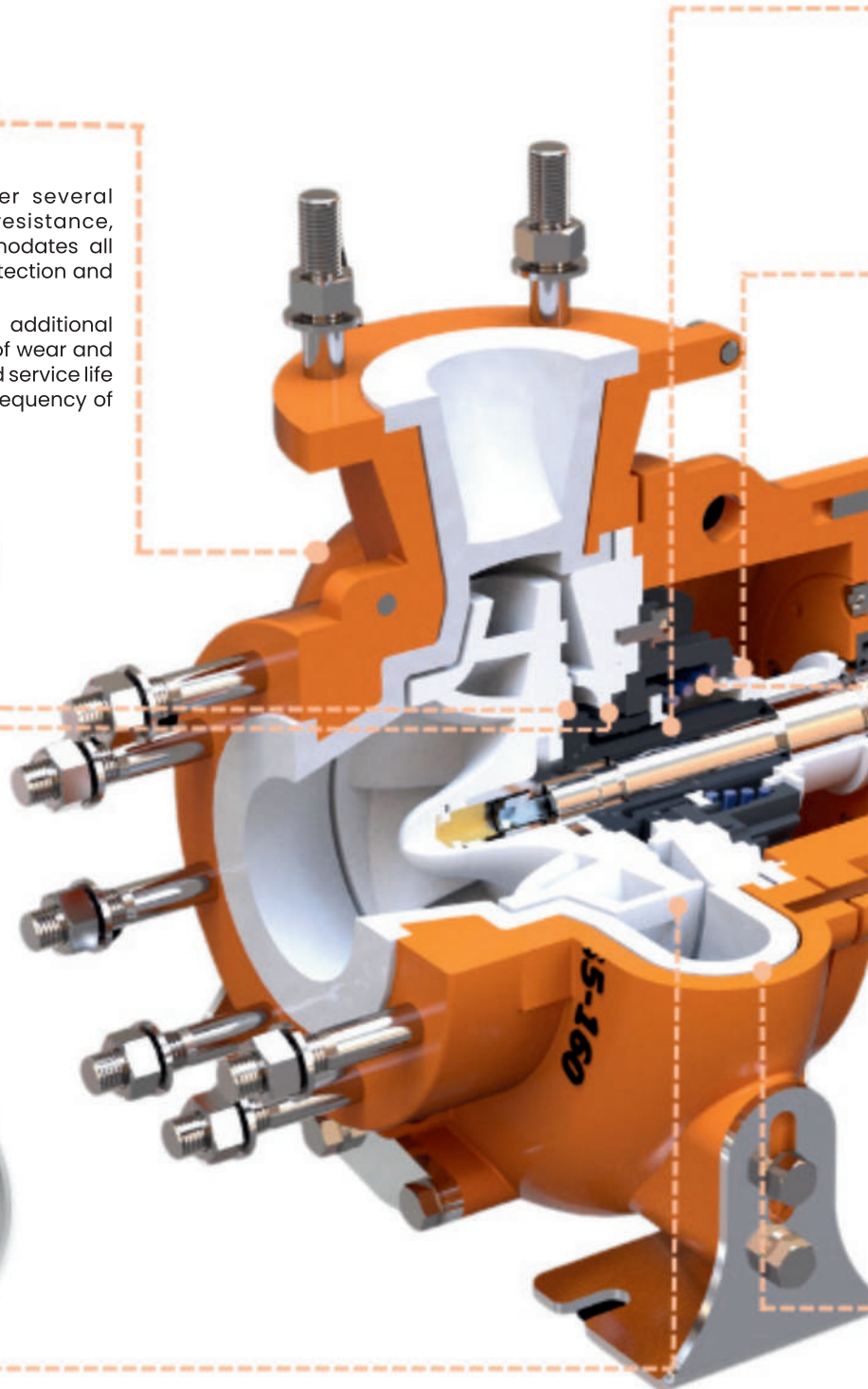
Mechanical Seal

- NKP Series pumps utilize an internally mounted, single mechanical seal with no bellows for extended service life exceeding 5 years
- This design eliminates the need for seal cooling and ensures dry-running capability, minimizing maintenance requirements and maximizing operational uptime.



Impeller

- **Keyed impeller** - Ensuring positive engagement with the shaft and preventing slippage or damage during reverse rotation.
- Closed and semi-open designs available (depending on Application).



Applications

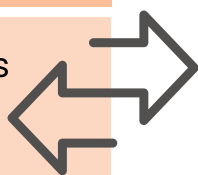
"Unmatched durability, effortless operations, your industry's perfect match"

Metal and Mining



- Steel processing
- Scrubber
- Acid regeneration plant(ARP)
- Chemical transfer
- Waste water treatment
- Cold Rolling Mill (CRM)
- ETP transfer

Chlor-Alkali Industries



- Chlorate feed
- Caustic soda transfer
- Sodium hypo transfer
- Sulfuric acid transfer
- ETP transfer

Agro-Chemical Industries



- ETP transfer
- Organic transfer
- Bromine transfer
- Vacuum ejector
- Nitric acid transfer
- Sulfuric acid transfer
- Scrubber

Water & Waste Water Treatment



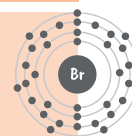
- ETP transfer
- STP transfer
- CIP system
- Acid and Chemical Transfer
- Chemical dosing
- Chlorination

Specialty Chemicals



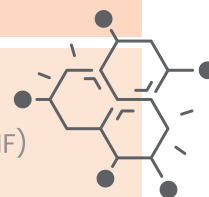
- Hydrofluoric(HF)acid transfer
- Nitric acid transfer
- Scrubber
- ETP transfer
- Organic & Inorganic chemical transfer

Bromine Industries



- Bromine extraction
- Mother liquor feed
- Bromine liquefaction
- ML effluent treatment
- ETP transfer
- Bromine transfer
- Scrubber

Fluoro-Chemicals



- Hydrofluoric acid (HF) transfer
- Chlorine transfer
- Fluorocarbons transfer
- Scrubber
- Solvents transfer
- ETP transfer

Pharma-Industry



- High COD, Low COD transfer
- Mother liquor feed
- Chemical feed systems
- High-purity water system
- Vacuum ejector
- ETP transfer