

ENGINEERING TOMORROW

## APP high-pressure pumps with ceramics: **Reliable energy efficiency** for demanding SWRO





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## **Energy-efficient** SWRO in challenging conditions **just got simpler**

The new APP pumps with ceramics enables SWRO operators to achieve unparalleded energy efficiency and simpler maintenance.

With the integration of ceramics and other advanced materials on all wetted parts, pre-filtration requirements for the market's most energy-efficient high-pressure pump are now lowered from  $10\mu$  absolute to  $5\mu$  nominal.

Additionally, restarting the self-lubricating pumps after power outages is now simpler and safer.

Now, SWRO operators in locations with even the most challenging seawater intake conditions and uneven power supplies can enjoy all the advantages of best-in-class energy efficiency and operational flexibility.

Parameters	APP with ceramics
Pressure range: Max outlet pressure	83 barg 1,200 psig
Inlet pressure, cont.	2 – 5 barg 29 – 72.5 psig
Flow range	13 – 38 m³/h 57 / 167 gpm
Speed	700 – 1,500 rpm



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