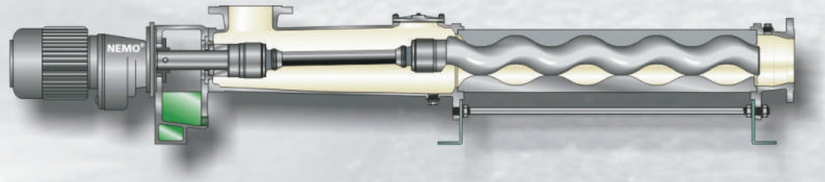
Range of Application and Performance Data

Performance	Properties	Range of Application
Flow rates up to 400 m^3/h (1,800 gpm) at pressures up to 24 bar (340 psi)	Compact design with flanged drive; low investment and operating and maintenance cost. Four rotor/stator geometries for optimal performance.	Industrial applications in environmental, food and chemical industries for low and highly viscous fluids with and without solids.
Flow rates up to 500 m^3/h (2,200 gpm) at pressures up to 48 bar (680 psi)	Design with bearing housing and free shaft end allows for universal use of all types of drives. Four rotor/stator geometries for optimal performance.	Industrial applications in environmental, food and chemical industries for low and highly viscous fluids with or without solids.
Flow rates up to 30 m^3/h (130 gpm) at pressures up to 12 bar (170 psi)	Flexible rod and ceramic rotor NEMO CERATEC® are maintenance- and wear-free. Design with bearing housing and free shaft end allows for universal use of all types of drives.	Industrial applications in environmental and chemical industries for low to highly viscous, chemically aggressive fluids and/or extremely abrasive solids.
Flow rates of .1 up to 500 l/h (.025 up to 130 gph) at pressures up to 36 bar (510 psi)	High dosing accuracy (deviation < 1%). Compact design with directly flanged drive.	Industrial applications in environmental and chemical industries for conveying and dosing of fluids of low or medium viscosity with or without solids.

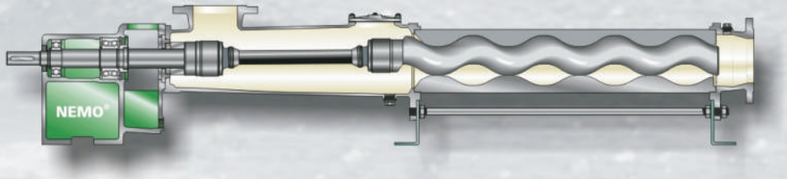
NEMO® Progressing Cavity Pumps Product Program Overview

Pump Type

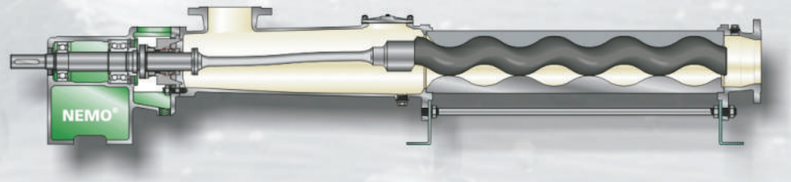
NEMO® BY
in block design



NEMO® SY
with bearing housing and free shaft end



NEMO® LONSTA
with wear- and maintenance-free flexible rod and wear-free rotor NEMO CERATEC®



NEMO® MINI BY
mini-pump in block design