



New Design Coolant Pump “CX”

爽-Coolant Series

SUMITOMO PRECISION PRODUCTS CO., LTD.

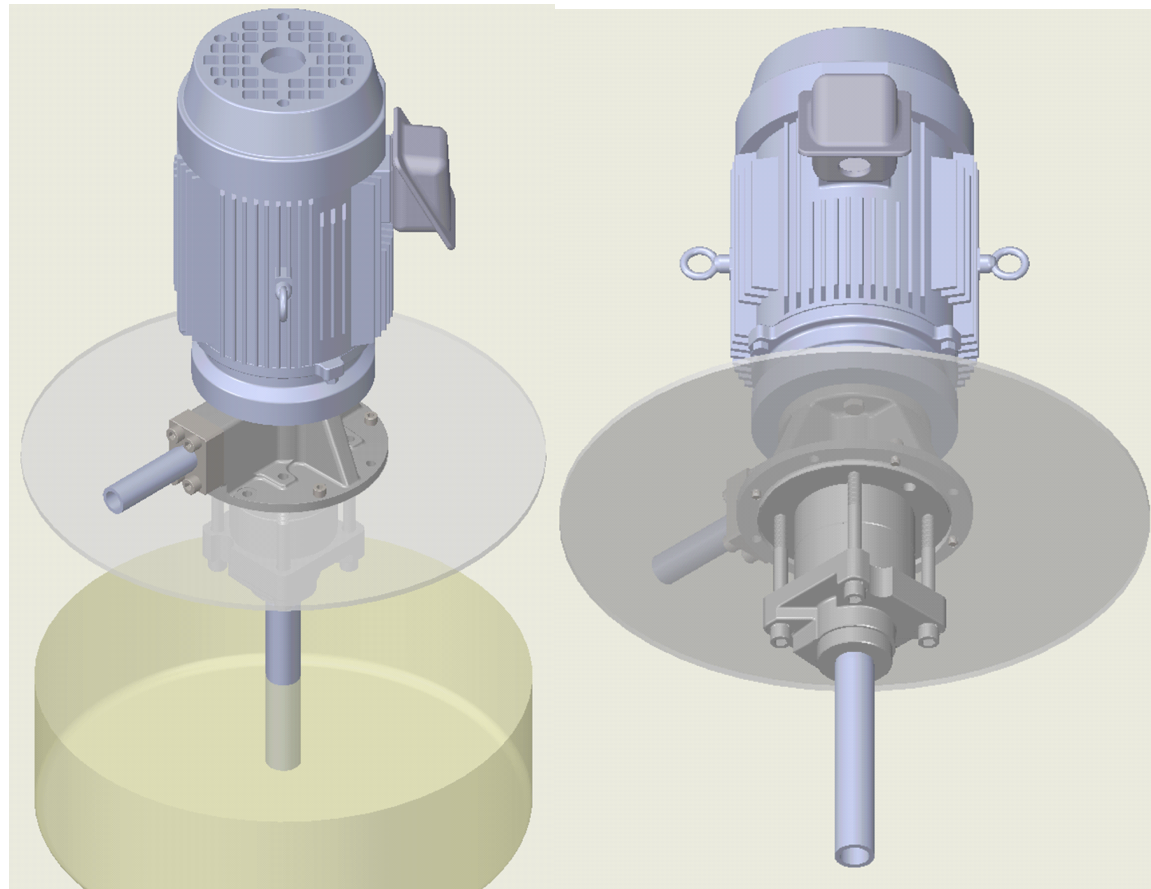
Industrial Hydraulic Department



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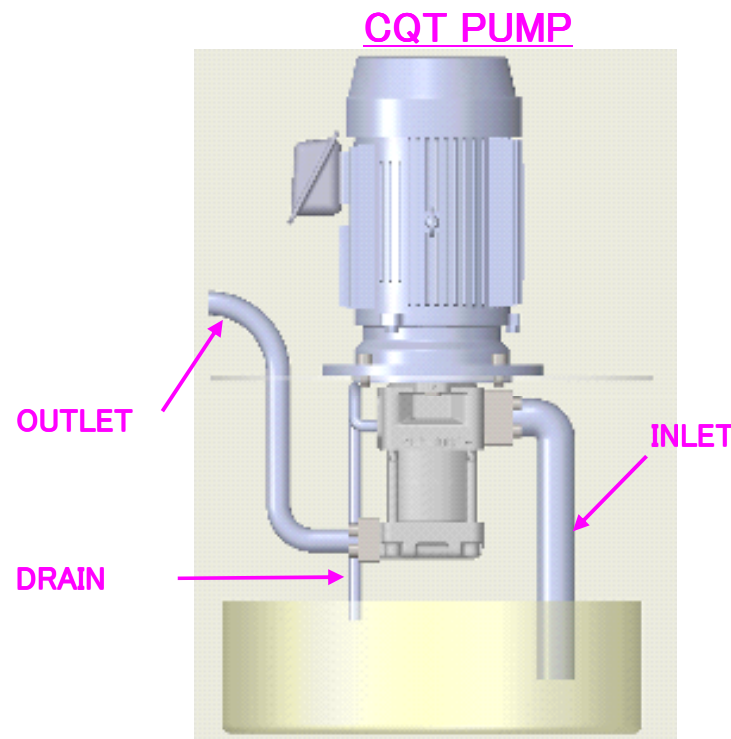
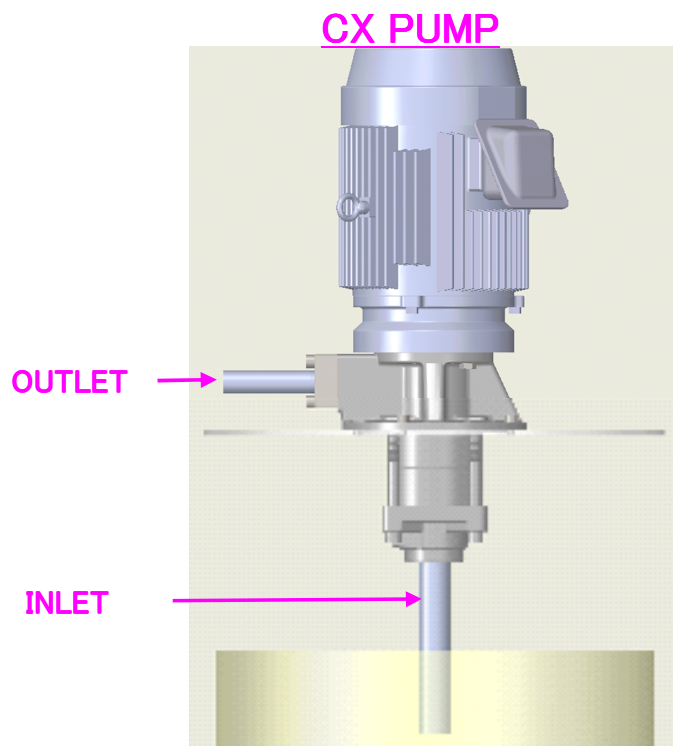
NEW DESIGN COOLANT PUMP “CX”.



CX Pump Features #1

<Simplified External Piping Structure >

- Lower inlet port and upper outlet port disposed on the upper surface of the top plate. ⇒ Reduction of man-hour.
- Change from external drain system to internal drain system. ⇒ Reductions of man-hour and piping cost.

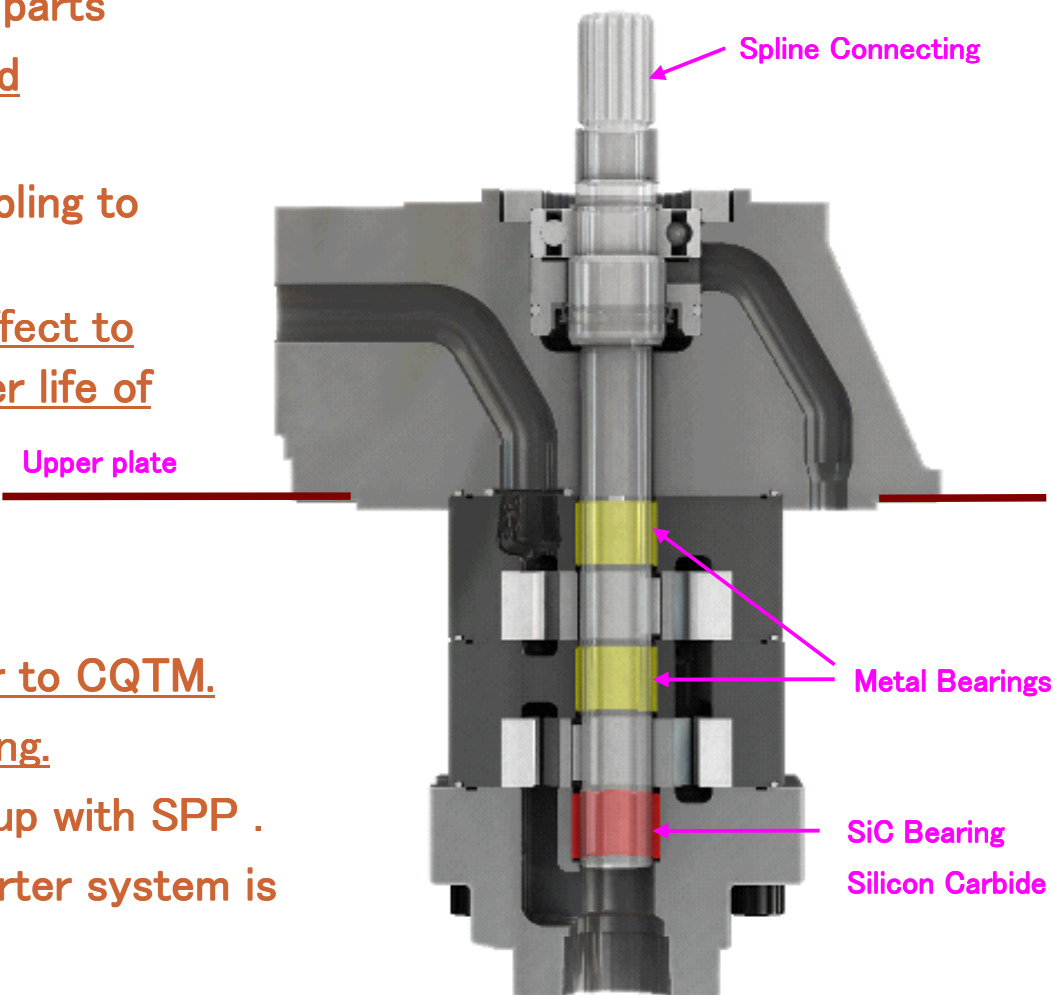


※A piping flange is not attached to the inlet port when the pump is delivered; it will be packed with an O-ring and a mounting bolt.

CX Pump Features #2

<Improved Durability >

- SiC bearing is adopted to one parts
⇒ Prevention of abrasion and resulting longer life of bearing.
- Structural change of joint coupling to upper part of the top plate.
⇒ Reduction of “Oil-mist” effect to spline shaft, and resulting longer life of the shaft



<Energy Saving.>

- Controllable in inverter, similar to CQTM.
⇒ Realization of energy saving.
- ✕ Unnecessary pressure pickup with SPP .
(Control in the existing inverter system is also available.)

<CX Pump Line Up>

Flow volume in L/min & gal(US)/min		Max Pressure		
50Hz	60Hz	<u>3.4Mpa (500psi)</u>	<u>6.9Mpa (1000psi)</u>	<u>9.8MPa (1420psi)</u>
6 (1.58GPM)	10 (2.64GPM)	CX32-10	CX33-0	CX34-10
10 (2.64GPM)	14 (3.69GPM)	CX32-12.5	CX33-12.5	CX34-12.5
13 (3.43GPM)	18 (4.75GPM)	CX32-16	CX33-16	CX34-16
17 (4.49GPM)	25 (6.6GPM)	CX42-20	CX43-20	CX44-20
25 (6.6GPM)	32 (8.45GPM)	CX42-25	CX43-25	CX44-25
32 (8.45GPM)	43 (11.35GPM)	CX42-31.5	CX43-31.5	CX44-31.5