


J – NAMING CLOSE-COUPLED SELF-PRIMING CENTRIFUGAL PUMP WITH ELECTRIC MOTOR (N) AND CLOSE-COUPLED WITH SUPPORT (F)
J E 2-120 G 1 0 N T 20 PSD223550 -P +F 5003 BASE CP.. VISION..

PUMP / MOTOR / EQUIPMENT / etc. VARIANTS:
 VISION.. or VSN.: Special executions with dedicated variant/s compared to standard construction. Depending on the following numbering - please contact our office for detailed descriptions. It defines all the characteristics (motor, pump, equipment, testing, other components and accessories, etc.) not described in the standard codes.

ONBOARD START AND STOP CONTROLS:
 CP01..05: from switch start/stop to electric control panel (manual or automatic start/stop) Depending on the following numbering - please contact our office for detailed descriptions

BASE: Setup with metal base
TROLLEY: Setup on handling small trolley

PAINTING:
 numbers indicating the RAL: different color from standard RAL 5010

PUMP VARIANTS:
 +F / +FA: flange kit (F: DIN - European; FA: ANSI - American)

ELECTRIC MOTOR OPTIONS:
 -I/P/V: Inverter motor complete with PTC (thermistor for motor thermal protection) and servoveilantation (all WEG NT series motors include inverter winding in standard configuration; for these motors, the -I suffix is not indicated)
 -P: Motor complete with PTC (thermistor for motor thermal protection) for motors with inverter winding (WEG)
 -P/V: Motor complete with PTC (thermistor for motor thermal protection) and servoveilantation for motors with inverter winding (WEG)

ELECTRIC MOTOR ACCESSORIES:
 PSD: Integrated inverter on WEG motor of the electric pump (also available wall-mounted). The following numbers identify power and frequency range:
 223550 = power 2.2 kW - 3550 = frequency range between 35 and 50 Hz

STANDARD ELECTRIC MOTOR IDENTIFIER:
 First number: motor poles; second number: motor power (0 = motor sized with power to cover the entire operating curve with fluid density 1 kg/m³);
 1 = motor increased by 1 power size, 2 = motor increased by 2 power sizes, etc.)

ELECTRIC MOTOR TYPE:
 T: Three-phase motor
 M: Single-phase motor

PUMP / MOTOR COUPLING:
 N: Monoblock with standardized IEC B34-B35 motor (IE3 WEG- for inverter or CEMP- ATEX)
 F: Support/monoblock with standardized IEC motor (primary brand)
 M: Discontinued coupling - Monoblock with custom-designed motor (non-standardized)
 E: Discontinued coupling - Monoblock with standardized IEC B34-B35 motor (three-bearing variant)

HEAD FLUSHING FOR SEALING MOTOR:
 0: version without head flushing for sealing motor
 1: version with head flushing for sealing motor

MECHANICAL SEAL TYPE:
 1: Carbide mechanical seal, NBR or FKM (Viton®) gaskets
 2: Carbide mechanical seal, PTFE gaskets

CONSTRUCTION MATERIALS OF THE PUMP:
 G: Cast iron
 B: Stainless steel CF3M (AISI 316L) + zinc anodes
 K: Stainless steel CF3M (AISI 316L)
 F: Cast iron - stainless steel
 P: Cast iron - elastomers in FKM (Viton®)
 Q: Cast iron - stainless steel CF3M (AISI 316L) + zinc anodes
 T: Cast iron - surface hardening treatment QPQ
 S: Cast iron - Si2 priming system
 D: Cast iron - deep hardening with heat treatment (380 - 420 HB)

PUMP MODEL:
 First number: diameter of the inlet and outlet in inches
 Second, third, and fourth number: average diameter of the impeller in mm

E: Electric pump unit for safe zone (standard IEC motor)
 X: Electric pump unit according to ATEX II 2/2G - Zones 1 and 2 (ATEX II 2/2G motor)

J: self-priming centrifugal pump J series

Key:
 Highlighted backgrounds: always present in the pump naming
 Unhighlighted backgrounds: construction variants, pump accessories, non-standard setups, and motorizations