

# 80FCK SERIES PUMP WITH "CK" GEARBOX

**FSG-CRV-01486**


**THE PUMP WILL PERFORM THE RATING WITH STANDARD TEST CONDITIONS OF SEA LEVEL ALTITUDE,  
758.0 mm-Hg [29.84 in-Hg] ATMOSPHERIC PRESSURE, 20 °C [68 °F] WATER TEMPERATURE,  
7 m [23 ft] LIFT, 9 m [30 ft] OF 150 mm [6 inch] SUCTION HOSE & STRAINER<sup>1</sup>.**

**NOTES:**

1. NUMBER OF SUCTION HOSES & STRAINERS: 90 L/s (1) HOSE; 110 & 130 L/s (2) HOSES; 150 & 170 L/s (3) HOSES.
2. SPEED MUST NOT EXCEED ENGINE MANUFACTURER'S MAXIMUM NO-LOAD GOVERNED SPEED.

THIS CHART IS TO BE USED TO SELECT THE PROPER PUMP GEARBOX RATIO. THE INPUT SPEED AND POWER REQUIREMENTS SHOWN ARE NOMINAL  $\pm 5\%$  FIGURES. WHEN USING THIS CHART, IT IS IMPORTANT TO OBTAIN THE NET POWER OUTPUT OF THE ENGINE. THE ENGINE MANUFACTURER'S PUBLISHED CURVE MAY NOT REPRESENT A TRUE NET POWER WHEN TOTALING ALL THE LOAD DEDUCTIONS THAT MAY BE ENCOUNTERED FOR THE RATING. THE DEDUCTIONS COULD BE ENGINE AND VEHICLE ACCESSORIES, ALTITUDE, TEMPERATURE, BAROMETER, ETC. CHECK WITH THE ENGINE MANUFACTURER FOR THEIR RECOMMENDATION AND APPROVAL OF THE NET POWER CURVE.

THE PUMPING TORQUE REQUIREMENTS MIGHT EXCEED THE TRUCK'S TRANSMISSION CASE, POWER TAKE-OFF AND DRIVELINE COMPONENT LIMITS. CONTACT THE RESPECTIVE EQUIPMENT MANUFACTURER FOR THEIR APPROVAL OF THE PUMPING APPLICATION.

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| 3792    | A   | INITIAL RELEASE  | DLM | 25Aug2016 | MAL  |   |          |           |        |                      |  |
| 5448    | B   | GB CHANGED TO LS | KTN | 17May2021 | TAM  |   |          |           |        |                      |  |
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