### VRL 070 1-Stage Specifications

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*1) At nominal input speed, service life is 20,000 hours
*2) The maximum torque when starting or stopping operation. Apply Cycle Factor $f_0$, found on page 468, for higher duty cycle applications
*3) Permitted 10,000 times during service life. Based on 10% of maximum radial load and smooth output shaft
*4) The maximum torque allowed under a stress situation. Permitted 1,000 times during service life
*5) The average input speed at nominal input torque. Maintain housing temperature below permitted value
*6) The maximum intermittent input speed
*7) Torque at no load applied to the input shaft at nominal input speed
*8) The maximum radial load that the gearbox can accept
*9) The maximum axial load that the gearbox can accept
*10) The efficiency at the nominal output torque rating
*11) This does not include lost motion
*12) Contact NIDEC-SHIMPO for the testing conditions and environment
*13) IP65 (wash-down) is available as an option. Contact NIDEC-SHIMPO for more details
*14) Weight may vary slightly between models