

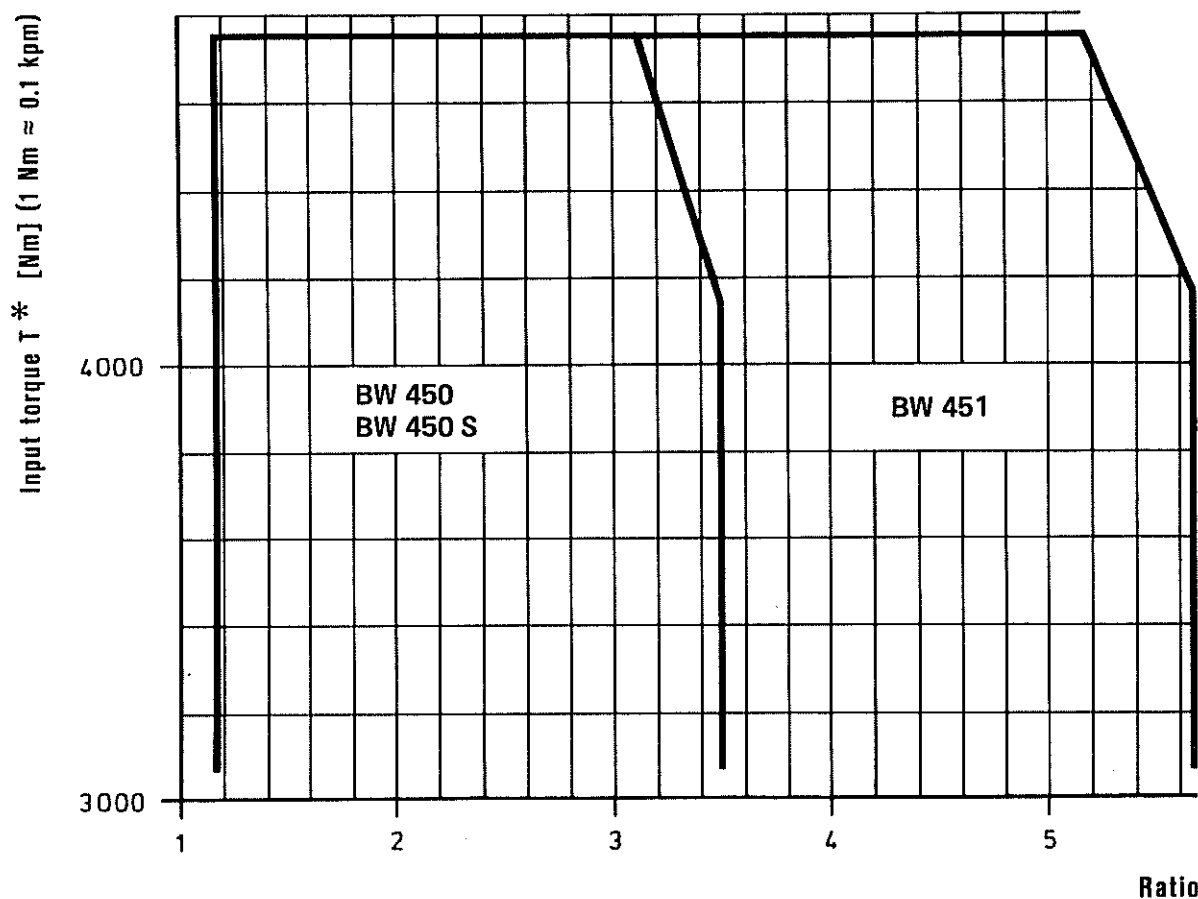
Input torque

**BW 450, BW 450 S
and BW 451**

Applications

"MERCHANT VESSELS"

e.g. Tugs, fishing vessels, and vessels for inland shipping etc.



The maximum permissible gearbox input torque is plotted against the gearbox ratios. Engine outputs and speeds at continuous rating A according to DIN 6270 are taken as reference values, 10 % overload is allowed. The values are applicable to both rotational directions of the output shaft "enginewise" and "counter-enginewise" rotation. Max. permissible input speed (at continuous rating A) is 2000/min. Permitted engine idling speed < 800/min, please indicate on order sheet.

Classification: see page 5

*The input torque T can be calculated as follows:

$$T = 9555 \cdot \frac{\text{Engine continuous output rating [kW]}}{\text{Engine speed at continuous rating [min}^{-1}\text{]}} \quad [\text{Nm}] \text{ or } T = 716,2 \cdot \frac{\text{Engine continuous output rating [HP]}}{\text{Engine speed at continuous rating [min}^{-1}\text{]}} \quad [\text{kpm}]$$

954-447-4141

01:43:30 p.m.

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