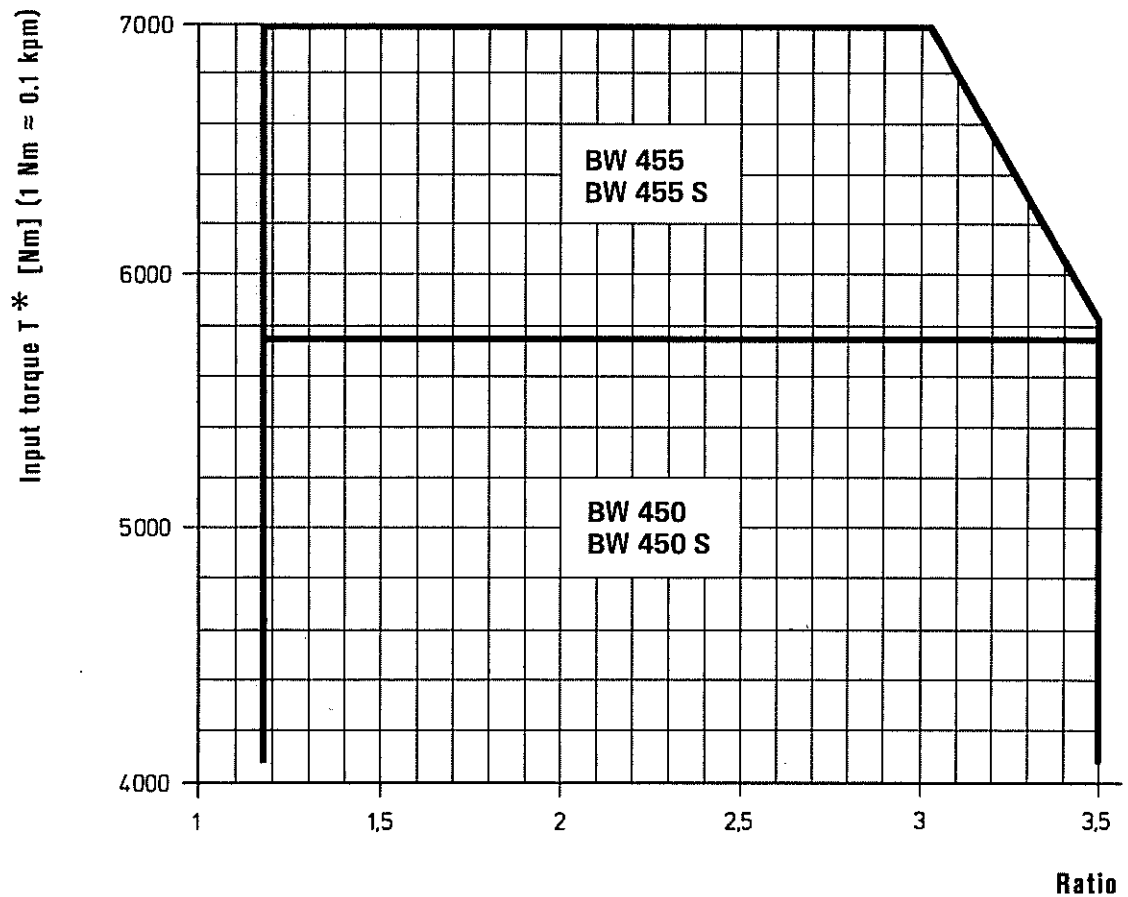


Input torque**BW 450, BW 450 S****BW 455, BW 455 S**Applications**"HIGH SPEED CRAFTS"**

e. g. Naval vessels, patrol boats, custom boats, yachts and similar vessels



The maximum permissible gearbox input torque is plotted against the gearbox ratios. Engine outputs and speeds at intermittent rating (Pü) according to DIN 6270 are taken as reference values. At max. engine output available, the torque curve may be exceeded by 6 % max. The values are applicable to both rotational directions of the output shaft "enginewise" and "counter-enginewise" rotation. Max. permissible input speed (at Pü) is 2500/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 :

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