

## Data Required for Coupling Size Selection

### Engine side:

1. Engine type: \_\_\_\_\_
2. Engine power: P \_\_\_\_\_ [kW]
3. Engine speed: n \_\_\_\_\_ [min<sup>-1</sup>]
4. In-line/V-engine: R/V \_\_\_\_\_ (angle)
5. Number of cylinders: \_\_\_\_\_
6. Total stroke volume:  $V_H$  \_\_\_\_\_ [ccm]
7. Moments of inertia (engine + flywheel): J \_\_\_\_\_ [kgm<sup>2</sup>]
8. Gas pressure diagram: \_\_\_\_\_
9. Vital information/rules for selecting the coupling size: \_\_\_\_\_
10. Drawing of engine flywheel and engine housing with position markings: \_\_\_\_\_

### Output side:

1. Application (generator, pump, compressor etc.): \_\_\_\_\_
2. Type: \_\_\_\_\_
3. Moments of inertia: J \_\_\_\_\_ [kgm<sup>2</sup>]
4. Shaft diameter: d \_\_\_\_\_ [mm]
5. Shaft length: l \_\_\_\_\_ [mm]
6. Drawing of the prime mover: \_\_\_\_\_

