

STIEBER SOLUTIONS: ALWAYS THE RIGHT CHOICE.

Unit selection is initially determined by the type of application: OC Overrunning clutch, IC Indexing clutch, BS Backstop. Different technical information is required for each one of them. Mounting details and lubrication requirements finally determine the unit selected.

The information required for each type of application is as follows:



OVERRUNNING CLUTCH

- Type of motor
- Nm start/Nm nominal of E-motors
- Internal combustion engines, please consult Stieber
- Nominal driving torque
- Range of driving speed
- Inertia „J“ of the driven masses
- Range of overrunning speed
- Number of start during service life
- Shaft diameter

INDEXING CLUTCH

- Number of cycles/min
- Index angle
- Nominal torque
- Inertia „J“ of the driven masses
- Accelerations of the driving member
- Number of indexes during service life
- Shaft diameter

BACKSTOP

- Static reverse torque
- Maximum dynamic reverse torque due to elasticity of the locked parts (elastic belts, shafts more than 3 meters long)
- Range of overrunning speed
- Number of torque applications during service life
- Shaft diameter

