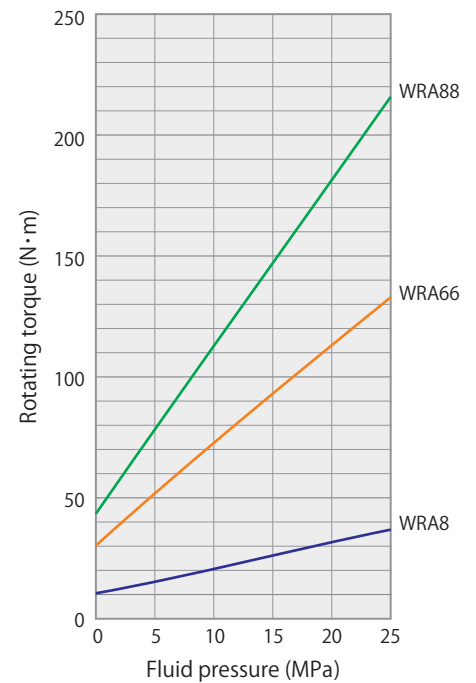
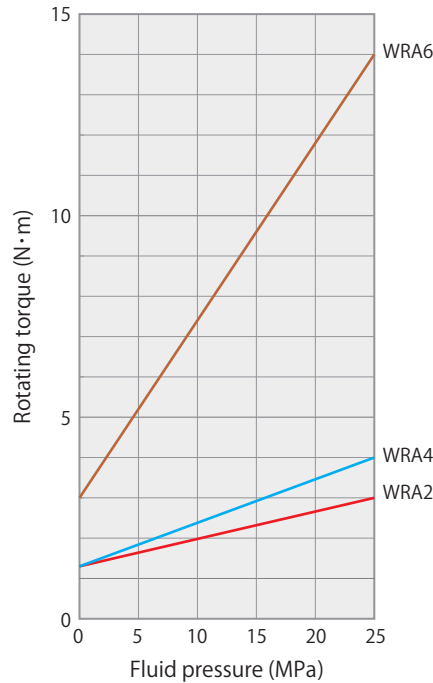
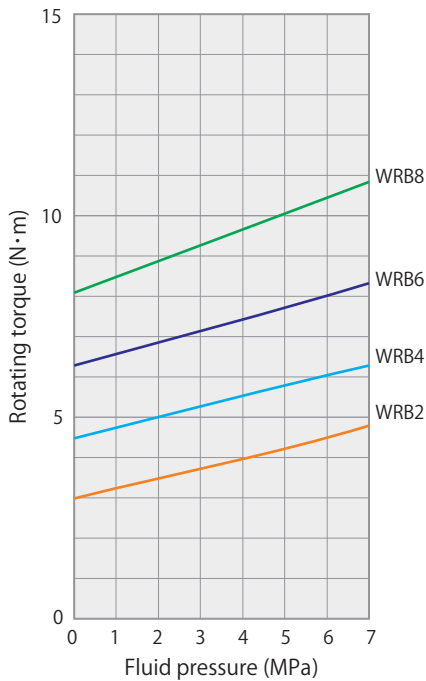
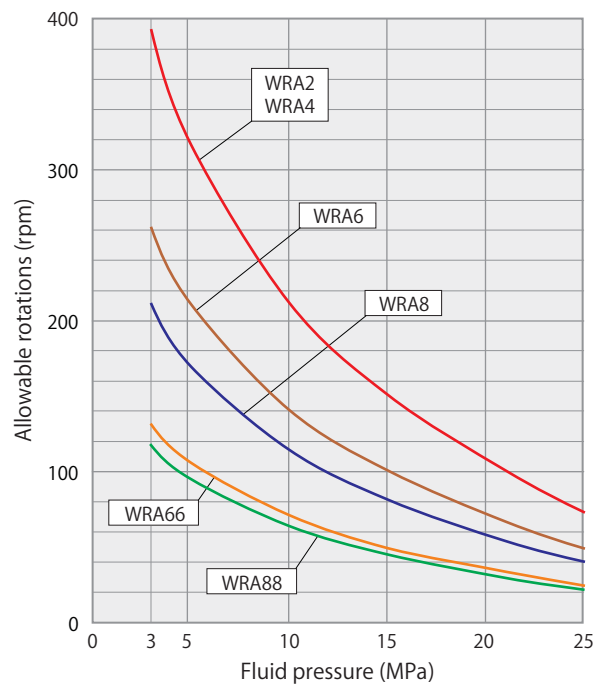
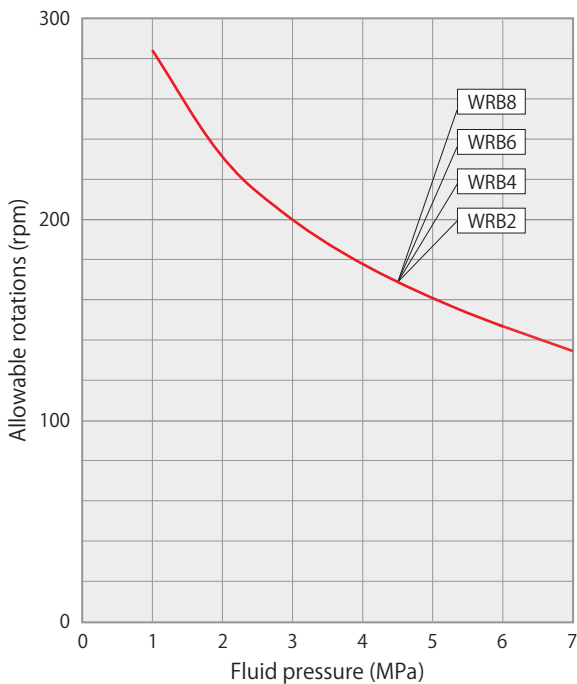


Rotating torque (reference)



1. Diagram above depicts torque (sliding resistance of packing) for stable rotation.
2. Starting torque may become twice as much as torque during stable rotation.
3. There is variance of torque with each product.
4. Rotating torque values indicated above are reference values.

Allowable rotations



1. Diagram above depicts allowable rotation when proper lubrication oil film has been formed.
2. Simultaneous use of maximum values is not possible, since used fluid pressure, rotating speed and operating temperature mutually affect each other.

Caution in use

1. Fluid applied is limited to general mineral based hydraulic oil or air. Contact us concerning other fluid.
2. When applying hydraulic oil to rotary joint, oil film leakage to adjacent circuits is inevitable. When the oil and air circuits are being allocated in one rotary joint, be sure to allocate a circuit between them as a drain circuit. (If the air circuit can tolerate the oil leakage, drain circuit is not mandatory.)
3. Non-stop operation should be avoided, as heat from packing's sliding resistance is generated.
4. At installation, fixate the rotating side. For the stationary side, only the rotational restraint should be provided to avoid an eccentric overload. (Refer to diagram below.)
5. Flexible hose must be used for piping when installation. Do not use the steel tube.
6. When using mineral hydraulic oil, drain port should have an independent piping to return the oil directly to tank.

