

Редукторы

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V Series Bevel

GEARBOXES

Whether for manual or motorized operation, Flowserve quarter- and multi-turn gearboxes stand up to the toughest performance requirements and environmental challenges. Trouble-free operation, high uptime and rugged dependability are engineered into every unit through high-strength gearing, robust housings and roller bearing-supported shafts. Broad application versatility is achieved via weatherproof and submersible constructions and a wide range of output speeds and torques.

Gearboxes – Quick Reference

Product	Sub-Type	Torque to	Thrust to	Temperatures
V Series Bevel	Multi-Turn	52 000 Nm (38 350 ft-lb)	7650 kN (1.7 million lbf)	-35°C to 90°C (-31°F to 194°F)
SR Series Spur	Multi-Turn	23 000 N (16 984 ft-lb)	3500 kN (787 000 lbf)	-35°C to 90°C (-31°F to 194°F)
WG Series Worm	Quarter-Turn	442 000 Nm (326 000 ft-lb)	—	-35°C to 90°C (-31°F to 194°F)
HBC Series Worm	Quarter-Turn	126 204 Nm (93 000 ft-lb)	—	-29°C to 66°C (-20°F to 150°F)

GEARBOXES

MULTI-TURN

V Series Bevel

V Series bevel gearboxes are designed for manual and motorized operation for industrial gate and globe valves as well as slide gates.



Limitorque

- Broad application versatility provided by excellent sealing of mating surfaces, which allows for weatherproof or temporary submersion applications
- Increased uptime facilitated by roller bearing-supported shaft and high-strength bevel gearing, which are rated for extremely high thrust and torque requirements
- Longer service life via ductile iron housing and roller bearing-supported shafts and drive sleeve that provide durability

SPECIFICATIONS

Torque to: 52 000 Nm (38 350 ft-lb)
Thrust to: 7650 kN (1.7 million lbf)
Temp: -35°C to 90°C (-31°F to 194°F)
Refer to literature LMENFL3602 at / library.

MULTI-TURN

SR Series Spur

The SR Series is a solid-performing, multi-turn, spur gearbox designed for manual or motorized operation of gate and globe valves as well as slide gates.



Limitorque

- Well suited for high vibration or tight space requirements owing to parallel input shaft and output drive sleeve
- Application versatility provided by available weatherproof and submersible constructions as well as a wide range of output speeds and torques
- Increased uptime facilitated by roller bearing-supported shaft and high-strength gearing, which are rated for extremely high thrust and torque requirements
- High strength and durability provided by ductile iron housing and roller bearing-supported shafts and drive sleeve

SPECIFICATIONS

Torque to: 23 000 Nm (16 984 ft-lb)
Thrust to: 3500 kN (787 000 lbf)
Temp: -35°C to 90°C (-31°F to 194°F)
Refer to literature LMENIM3701 at / library.

QUARTER-TURN

WG Series Worm

The WG Series of worm gearboxes offers unsurpassed quality and longevity in a wide variety of weatherproof, submersible and buried-service applications.



Limitorque

- Extraordinary range of output speeds and torques made possible by compatibility with a wide array of numerous electric actuators
- Reduced downtime provided by the removable, top-entry, splined valve shaft adapter, which ensures proper engagement of the valve stem
- Increased uptime due to rugged ductile iron housing, roller bearing-supported shaft and well-designed sealing, which stands up to tough conditions

SPECIFICATIONS

Torque to: 442 000 Nm (326 000 ft-lb)
Temp: -35°C to 90°C (-31°F to 194°F)
Refer to literature LMENFL2102 at / library.



Limitorque

QUARTER-TURN

HBC Series Worm

The HBC is the strongest worm gearbox on the market. It delivers consistent, trouble-free performance in demanding applications, ranging from nuclear power plants to critical service flow control in hydroelectric plants.

- Broad application versatility provided by ability to actuate a wide range of devices, both manually or motorized, at a considerable range of output speeds and torques
- Increased uptime due to bronze worm gear paired with alloy steel worm shaft
- Lower maintenance costs due to heavy-duty construction; proven in use for more than 50 years to be rugged and dependable
- Ease of operation made possible by valve position pointer, which makes at-a-glance position checking easier than ever

SPECIFICATIONS

Torque to: 126 204 Nm (93 000 ft-lb)
Temp: -29°C to 66°C (-20°F to 150°F)

Refer to literature LMENBR3500 at / library.

Smart Solutions for the World's Toughest Applications

No matter how extreme the environment or strict the regulations, customers the world over trust Flowserve actuation and positioning products to provide reliable, intelligent control. Whether your devices need to endure polar ice or desert heat, provide fail-safe protection in explosive atmospheres or nuclear power stations, or control complicated modulating processes with pinpoint accuracy, Flowserve has an actuation solution that's right for your application.



По вопросам продаж и поддержки обращайтесь:

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