



KUMERA

Yankee Drives

New Generation!

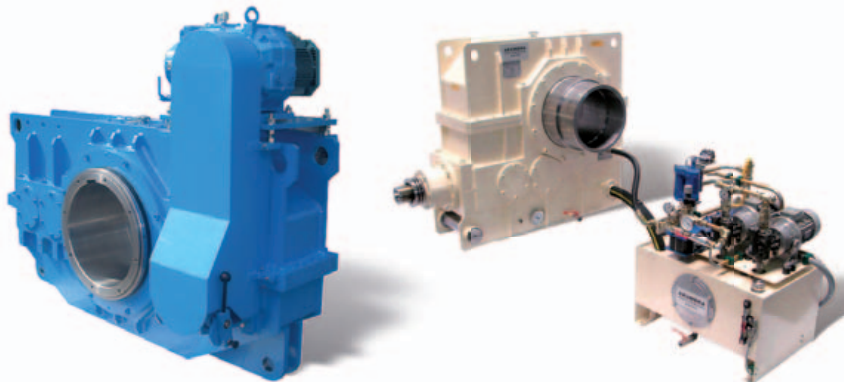
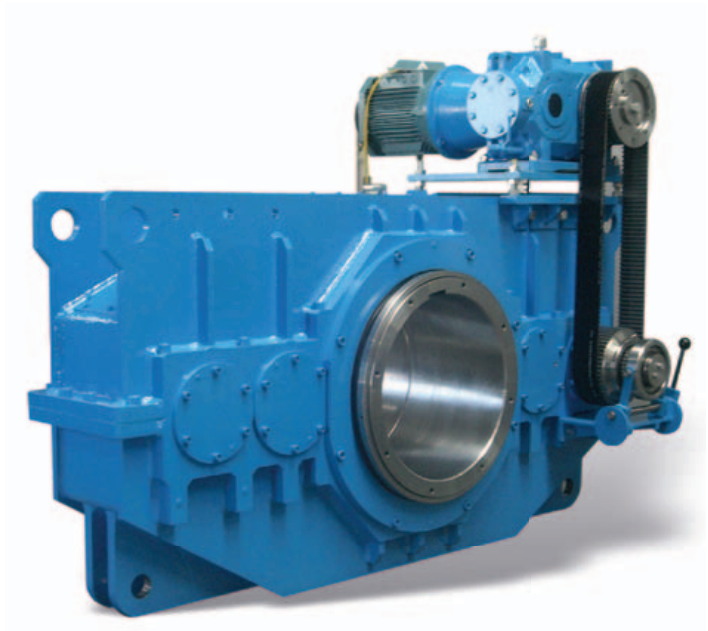


Yankee Drives

KUMERA Yankee Drives

New Generation! New Features!

- Weight and stress optimized structure of gear box housing.
- Optimized oil supply for each tooth contact and each bearing.
- Optimized cooling system (optional).
- Integrated fail-safe operation in case of delay from the central lubrication station.
- Long-life sealing system on the output shaft.
- Integrated threads for vibration monitoring system.
- Oil level inside the gear box is variable depending on the dimension of the last stage - adjustable without opening the housing.
- Complete oil piping inside the gear box - protected from the outside damage.
- Variable mounting of the torque arm depending on the steel structure near the gear box.
- Optimized standard range means short delivery time!



Technical data

		Minimum	Maximum
Nominal power of drive	kW	-	3 000
Nominal output torque of drive	Nm	21 000	500 000
Input speed of drive	rpm	-	2 500
Gear ratio		2,5	70
Hollow shaft diameter	mm	200	600
Number of gear stages		1	3
Number of input shafts		1	2
Weight	kg	1000	10 000
Steam temperature through hollow shaft	°C		150
Lifetime of bearings	h	80000	

Gear design:

- Bevel-helical gear units
- Helical gear units

Lubrication according to specification:

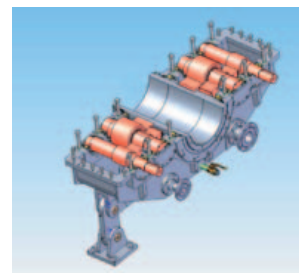
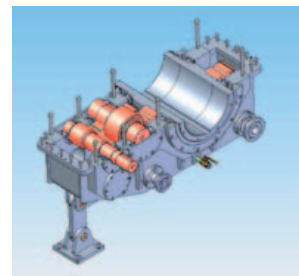
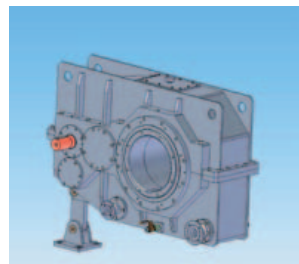
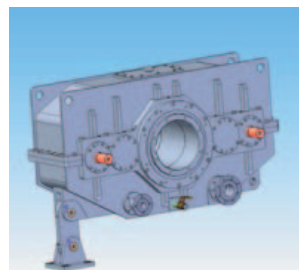
- Splash lubrication
- Forced lubrication
- Connection to central oil lubrication system

Hollow shaft design:

- With keyway
- With shrink disk
- Special design according to customer specification

Accessories:

- Torque arm
- Forced lubrication station
- Complete lubrication station with tank
- Sunday drive
- Torque flange for input shaft
- Elastic coupling for input shaft
- Other accessories according to customer specification



Standard sizes

Size *	1 input shaft	2 input shafts
yzg-355	standard	standard
yzg-400	standard	standard
yzg-450	standard	standard
yzg-500	standard	standard
yzg-560	standard	standard

*Center distance in mm of the last stage in the gear box.

Sizes smaller than 355 and greater than 560 are not standard sizes, but they are available on customer preference.

Standard sizes are with helical gears. Bevel gears can be equipped optionally.



POWER-PLAZA.COM

Kumera Power-Plaza is the online market place for Kumera mechanical transmission products and associated spare parts. Power-plaza.com speeds up the process of requesting for quotations. www.power-plaza.com

Other Kumera Drive Units



HELICAL GEAR UNITS,
COMPACT F-RANGE



HELICAL GEAR UNITS,
COMPACT G-RANGE



ONE STAGE HELICAL
GEAR UNITS
KUMERA LX-RANGE



HEAVY DUTY HELICAL
GEAR UNITS,
CUMERA D-RANGE



BEVEL GEAR UNITS,
COMPACT F-RANGE



BEVEL GEAR UNITS,
COMPACT G-RANGE



AGITATOR GEAR UNITS,
SG-RANGE



HEAVY DUTY AGITATOR
GEAR UNITS,
E-RANGE



WORM GEAR UNITS,
COVERA RANGE



COMBINATION HELICAL AND
WORM GEAR UNITS,
COVERA RANGE



DOUBLE WORM GEAR UNITS,
COVERA RANGE



WIND UP AND UNWIND
GEAR UNITS,
LP-RANGE



ONE STAGE HELICAL
GEAR UNITS,
CUMERA LH-RANGE



YANKEE CYLINDER
GEAR UNITS



SPECIAL GEAR UNITS



BEVEL GEAR UNITS,
KA-RANGE



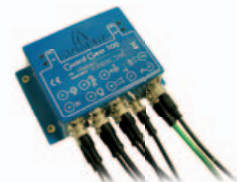
FRONT END GEAR UNITS,
NORGEAR-RANGE



INTEGRATED ROLL
GEAR UNITS,
TP-RANGE



PLANETARY
GEAR UNITS,
P-RANGE



CONDITION MONITORING
GUARD GEAR 200

KUMERA POWER TRANSMISSION GROUP

KUMERA DRIVES OY

Kumerankatu 2
FI-11100 Riihimäki
FINLAND
Tel. +358 20 755 4200
Fax: +358 20 755 4220
E-mail: drives@kumera.com

KUMERA AS

P.O. Box 2043
N-3202 Sandefjord
NORWAY
Tel. +47 33 48 54 54
Fax: +47 33 48 54 55
E-mail: sales@kumera.no

www.kumera.com

KUMERA ANTRIEBSTECHNIK GMBH

Raiffeisenstrasse 38-40
A-8010 Graz
AUSTRIA
Tel. +43 316 471 524-0
Fax: +43 316 462 550
E-mail: kumera.graz@kumera.com



KUMERA (CHINA) CO, LTD.

168 Meifeng Road
Kunshan 215300, Jiangsu
CHINA
Tel. +86 512 503 61701
Fax: +86 512 503 61710
E-mail: kumerachina@kumera.com