

For Absolute Solutions...



NRW[®]
DRIVE TECHNOLOGIES



For Absolute Solutions

for absolute solutions...



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DEUTSCHLAND

NRW GmbH Company provides services in Ahlen, Nordrhein-Westfalen in Germany. Establishing its first facility in Europe in order to reach you faster and bring you our products, NRW GmbH carries out sales, logistics and after-sales service activities in a 10.000m² production field.

NRW GmbH
In Der Schlinge 6, 59227 Ahlen /Germany
Tel : +49 (0) 2382 855 70 10
Fax: +49 (0) 2382 855 70 15
info@nrwdrivetechnologies.com
www.nrwdrivetechnologies.com



KAIZEN

We are developing, our products and production technology with Kaizen philosophy day by day. Mistakes are prevented and avoided on the beginning, on each step of production process and customer's request, through applying the method of Poka-Yoke.

NRW Family, has adopted the philosophy of Kaizen on every stage, starting from base employees upto the most senior members. And now, we are proud of, to present the most popular group companies to our valued customers on global market.

WITH POKA-YOKE METHOD

We adopted the error preventing method, as a philosophy. We are evaluating your needs and requirements with great attention at each step of process, in order to provide you fantabulous services.

The way we started to walk with this belief, is now our way to the future and our light on this way is the support of our valuable customers.



For absolute solutions...

NRW always continue to offer high qualified products and the best service with an extensive production capacity, to the local and global market.

We serve you the best, with our large and newage production technology, our expert sales staff, pre-sales and after-sales services.



Logistic

We are always ready for you.

In accordance with international trade standards; our gearboxes are processed from the manufacturing and painting stage to the logistic stage with high precision, and transferred to our logistic department.

Reducers are packaged carefully in order not to damage each other. According to our products sizes, they are prepared in our factory and delivered safely to domestic customers or overseas countries by means of all transportation facilities.





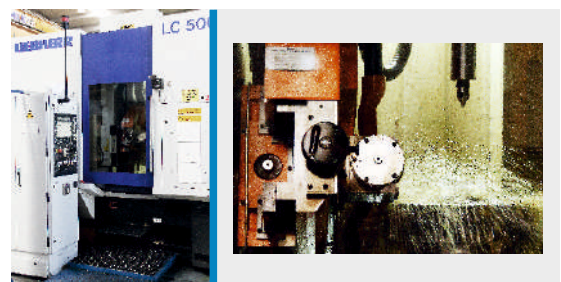
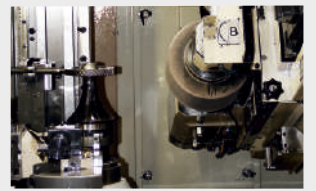
We work for a greener World and the future.

As NRW Company, we are committed to leave a habitable environment for future generations. According to this committed, we are acting appropriately comply with national and international environmental standards.



The Production Area

Samples of Production Processes and Machine

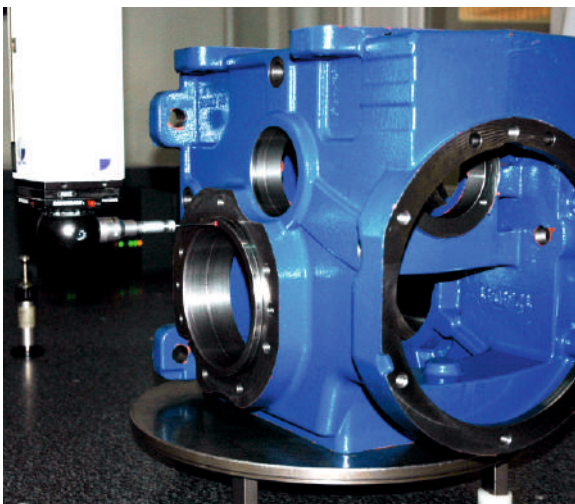
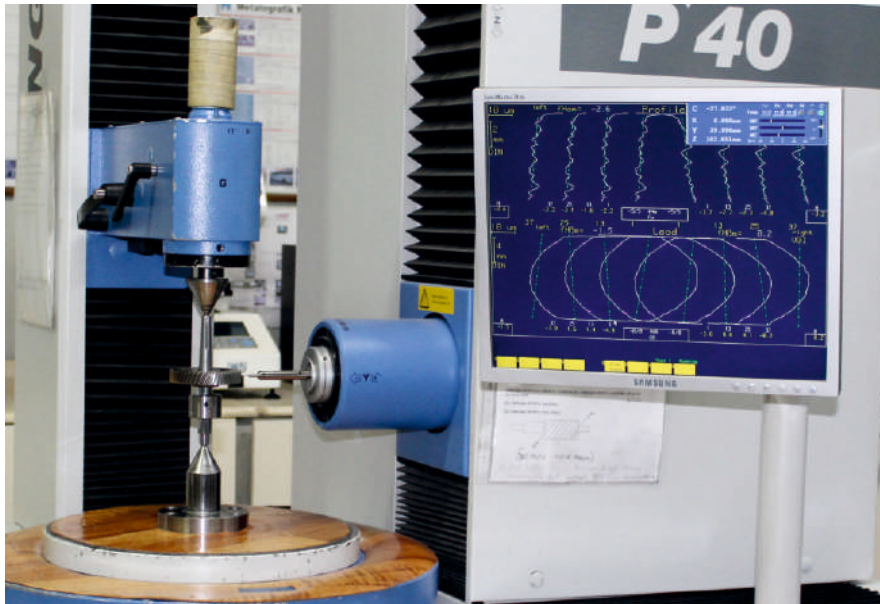


Quality Control

**Our commitment to the global market;
the service with compromising quality.**

Inside of our department, dimensional measurements, measuring of gears, sampling, polishing and hardness measurement have been making. Confirmation for the each of following process, with getting presupposition datas from quality control department, the mistake avoiding are purposed.

The counters of quality control department are realized their intermediate inspections. Our personnels who have been showing the same sensitivity in every process, control all the production steps. They take the customer satisfaction under warranty since the first step till to the last one.





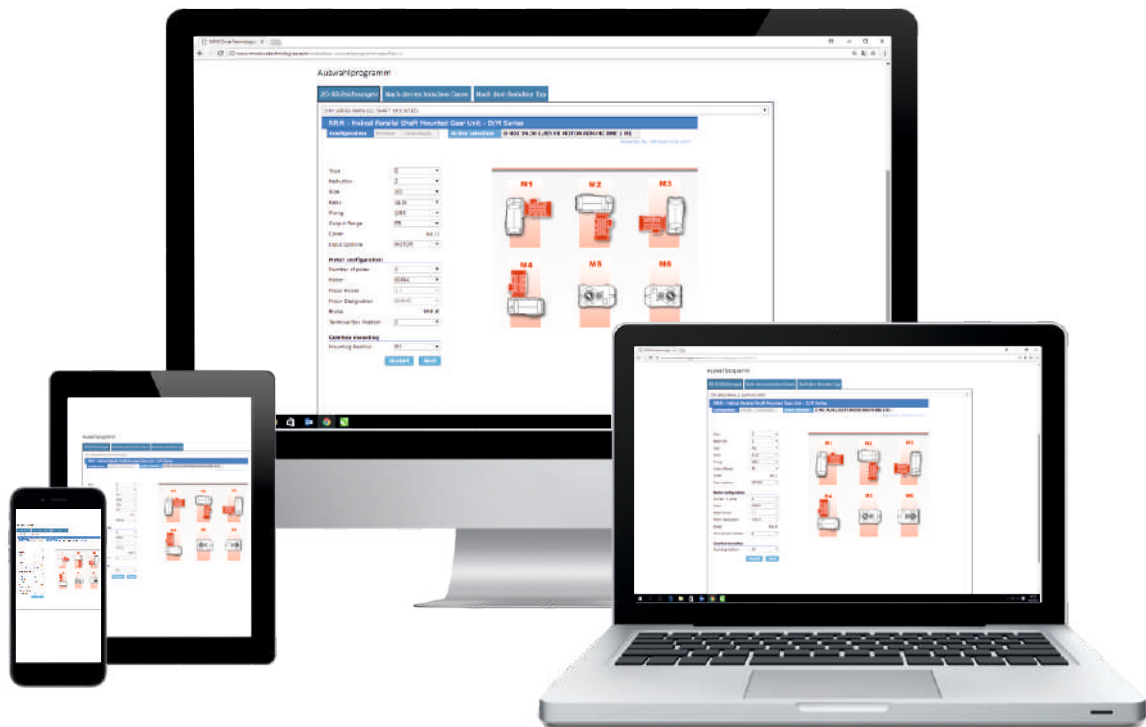
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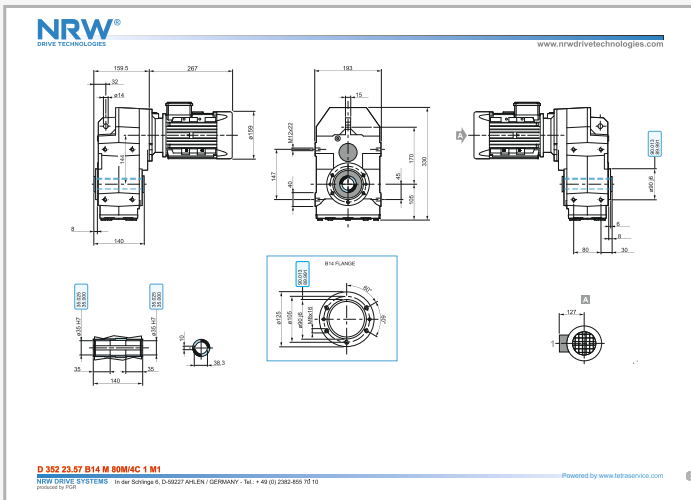


Google Search

I'm Feeling Lucky

NRW Configurator Software





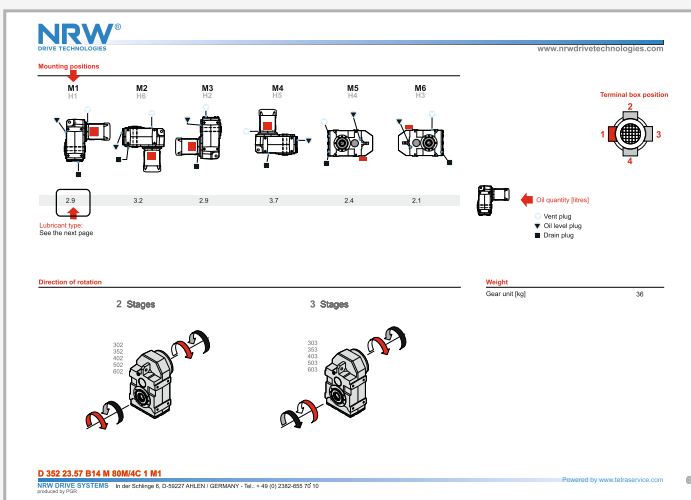
2D/3D Drawings

The NRW Web Site easily performs the operations with the help of a configurator on site such as easy selection of the desired gearbox, building up proposals and downloading of 2D and 3D drawings.

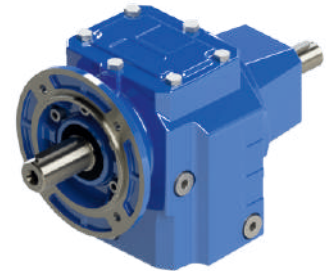
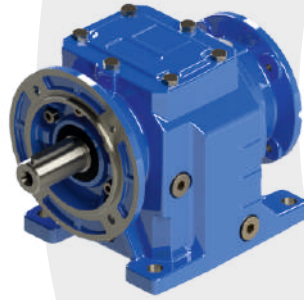
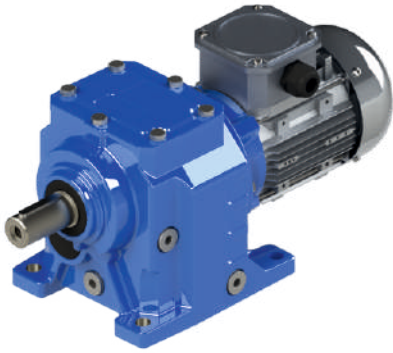


You have the possibility to choose 3D or 2D drawings and use at your projects. In the meantime all technical data and numerical values regarding this products are presented along with your choice. With this configurator, NRW is as close as your computer, access to NRW products is as fast as internet.

Data Sheets



You can find informations on these data sheet pages of the gear-boxes you have selected, such as the amount of oil to be added according to the mounting position, which oil should use according to weather conditions and how often the oil Stages 3 - 5 - 7 Stages 4 - 6 should be changed.



A/F Series

Helical Gear Units

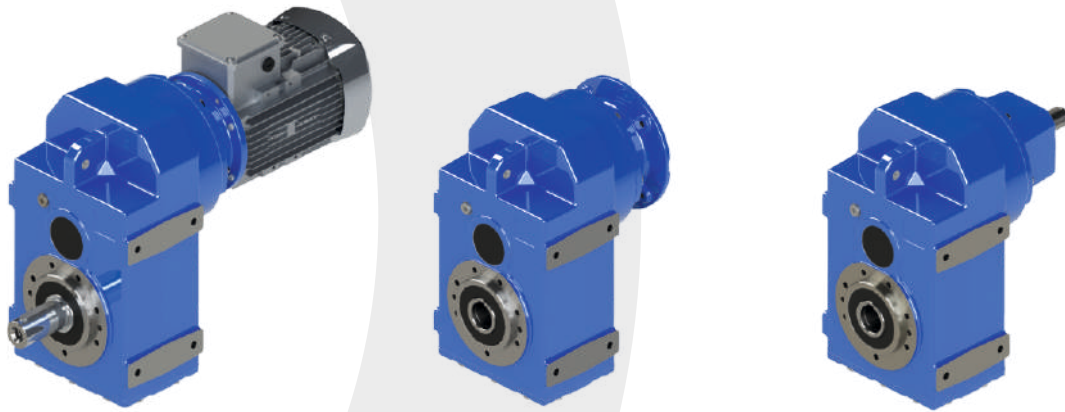
A/F Series Reducers are manufactured in 10 body dimensions with foot mounted and flange mounted. Body material is sphero and gears are manufactured from 8620 forged steel and damage in maximum moments is avoided.

Compared to the PA and PF series these type of gearboxes' shaft diameters, length and foot connection measurements are different.

According to body size, 4 - 3 - 2 kinds of flanges can connect at Flange types of these gearboxes. The flanges of these types of gearboxes are designed as modular, rather than as monolithic. Motors can be connected from 0.12 kW to 45 kW to these types of gearboxes. In addition, these types of gearboxes could provide with W input shaft, PAM B5 / B14 and IEC adaptors.

- Power
0.09 ... 45 kW
- Torque
2 ... 8554 Nm
- Ratio
1.26 ... 282.17

Type	Torque [Nm]
A/F 202	71
A/F 202 G	115
A/F 252	224
A/F 253	222
A/F 302	304
A/F 303	404
A/F 352	532
A/F 353	555
A/F 402	907
A/F 403	947
A/F 502	1702
A/F 503	1911
A/F 602	3372
A/F 603	3788
A/F 702	5250
A/F 703	5345
A/F 902	8000
A/F 903	8554



D/M Series

Parallel Shaft Mounted Gear Units

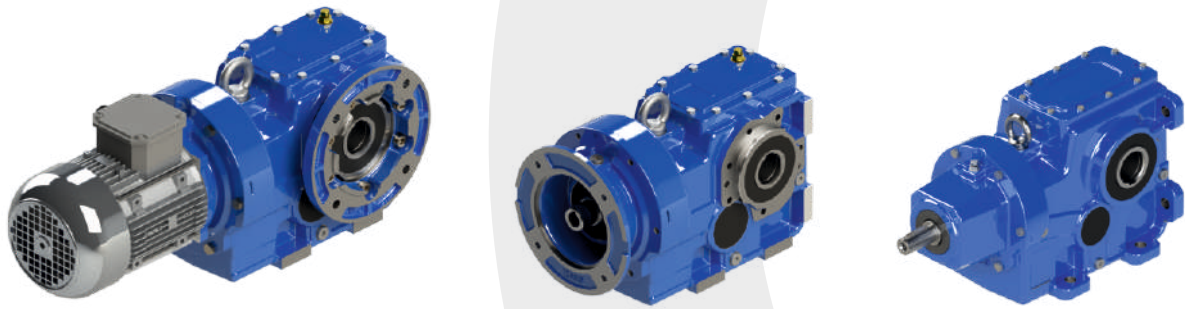
Parallel shaft - mounted gearboxes (D), Parallel axlemounted gearboxes (M) Hollow Shaft gearboxes; are all adapted according to the international load standards.

The designs are available that could work at heavy conditions and there is an opportunity of selection according to motorized, with brake and motorized in addition to service motors which is giving several motions. The housings are moulded with integrated moulding system, for easy cleaning the surfaces are mounted with polished, corrected with Niemann calculations, roller bearings were selected aiming to work long-term and unproblematic, as a leaktightness tool, high quality seal is used.

The front side of gearbox is monolith to the case, the exit cover is not available which causes oil leakage or geared-axial leakage.

- **Power**
0.09 ... 45 kW
- **Torque**
398 ... 10870 Nm
- **Ratio**
4.08 ... 394.32

Type	Torque [Nm]
D/M 302	398
D/M 303	556
D/M 352	674
D/M 353	675
D/M 402	1087
D/M 403	1100
D/M 502	1714
D/M 503	1785
D/M 602	3285
D/M 603	3296
D/M 702	5051
D/M 703	5559
D/M 902	8765
D/M 903	10870



K Series

Helical Bevel Gear Units

Foot-mounted, helical - bevelled gear gearboxes: (K,DA-TMA-ÇMA); case mounted, helical bevelled gearboxes (K,DG -TMG-ÇMG).

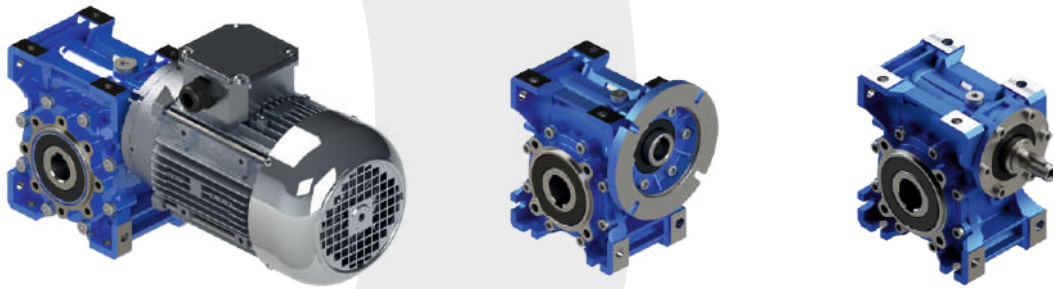
Robust moulding case with solid structure is adapted according to international load standards. The housings were moulded with integrated moulding system. Designs that could work under heavy conditions are available.

There are several options to the likes of motorized, with brake and motorized, service motors that could create several options, for easy cleaning the surfaces are designed with polished, corrected with. Niemann roller bearings were selected aiming to work long-term and unproblematic.

As an anti-leakage tool, the high quality seal is used, the output shaft side is monolith to the case, the exit cover having with oil leakage is available. It enables high moment at 12 different case sizes.

- **Power**
0.12 ... 90 kW
- **Torque**
656 ... 13842 Nm
- **Ratio**
5.74 ... 183.27

Type	Torque [Nm]
K 35390	656
K 40390	926
K 50390	1893
K 60390	3768
K 70390	5375
K 90390	8850
K 100390	13842



PMRV/PRV Series PLUS+ PLUS+

Worm Gear Units

There are 2 types available in worm screwed reducers. Standard B5 or B14 flanged, motor coupled (PMRV Plus) and shaft inlet, non-motorized (PRV Plus).

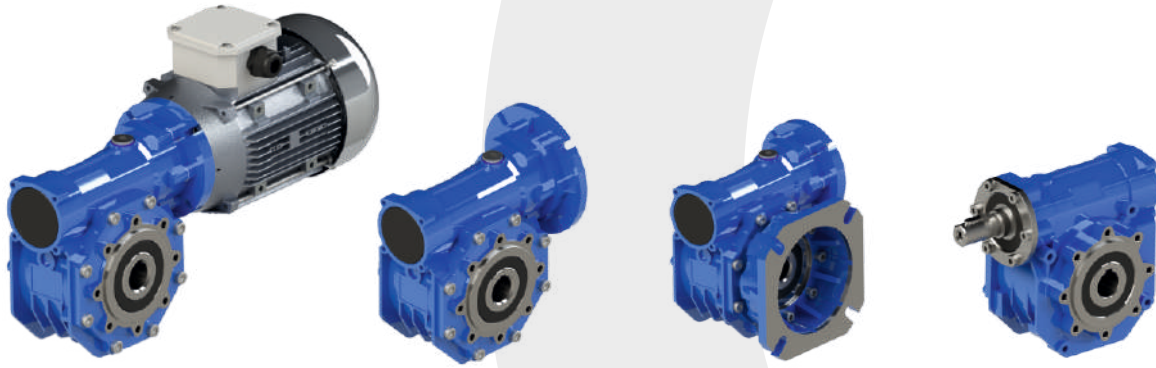
In PMRV Plus / PRV Plus reducers, there is 90° angle between input shaft and output shaft. Due to both this characteristic feature and the structure of the wheel gear and worm gear, gearboxes has autoblock specification.

Worm gear reducer housings are produced by aluminium die casting 030...090 body types and as for 110...150 body types from GG20-25 gray cast iron. Worm screws are manufactured from cementation steel in ZI form and hardened with heat treatment.

Despite of these types of gearbox's low efficiency compared to helical gear reducers, they are preferred in many sectors due to its light weight and high mechanical strength, its wide range of mounting possibilities and its high ratio options in small body sizes.

- Power
0.06 ... 15 kW
- Torque
1.4 ... 3550 Nm
- Ratio
5 ... 5000

Type	Torque [Nm]
PMRV/PRV PLUS+ PLUS+ 030	25
PMRV/PRV PLUS+ PLUS+ 040	55
PMRV/PRV PLUS+ PLUS+ 050	90
PMRV/PRV PLUS+ PLUS+ 063	250
PMRV/PRV PLUS+ PLUS+ 075	370
PMRV/PRV PLUS+ PLUS+ 090	555
PMRV/PRV PLUS+ PLUS+ 105	780
PMRV/PRV PLUS+ PLUS+ 110	980
PMRV/PRV PLUS+ PLUS+ 130	1460
PMRV/PRV PLUS+ PLUS+ 150	2000



SW / ISW Series

Worm Gear Units

- 7 different case width for from 0,06 kw to 7,5 kw
- The body case is aluminum injection casting
- Worm wheels are produced from gsu sn12 (bronze) material according to (uni 7013 – 72) standards.
- Profiles of worm shafts are grinded according to z1 (uni 4760) standards
- Specially light and it has got excellent mechanical strength
- Load capacity is calculated according to bs 721 – 83 standards.
- It is adapted with niemann calculations
- 030 case width and greater cases are painted with ral 5010 epoxy powder coat

Type	Torque [Nm]
SW / ISW 030	25
SW / ISW 040	55
SW / ISW 050	90
SW / ISW 063	250
SW / ISW 075	370
SW / ISW 090	555
SW / ISW 105	780

- **Power**
0.06 ... 7.5 kW
- **Torque**
1.4 ... 1440 Nm
- **Ratio**
5 ... 5000



PL/PLB Series

Planetary Gear Units

In power transmission field, using planetary gear units provides compactness, structural simplicity and production reliability.

PL/PLB Planetary gear units are made of 62% steel, approximately 33% cast iron and lower rates of aluminum, copper, rubber and resin. These rates vary depending on product configuration.

PL planetary gear units are divided into 21 main groups based on various output moment values ranging from 460 Nm and 850000 Nm to be transferred from output shaft.

Essentially Planetary Gear Units, the modular design of the product also allows the use of a wide range of IEC Adapters for electric motors or hydraulic motors connection, allowing the connection of bevel gears, worm gears, hydraulic brakes and various input shafts to planetary units.

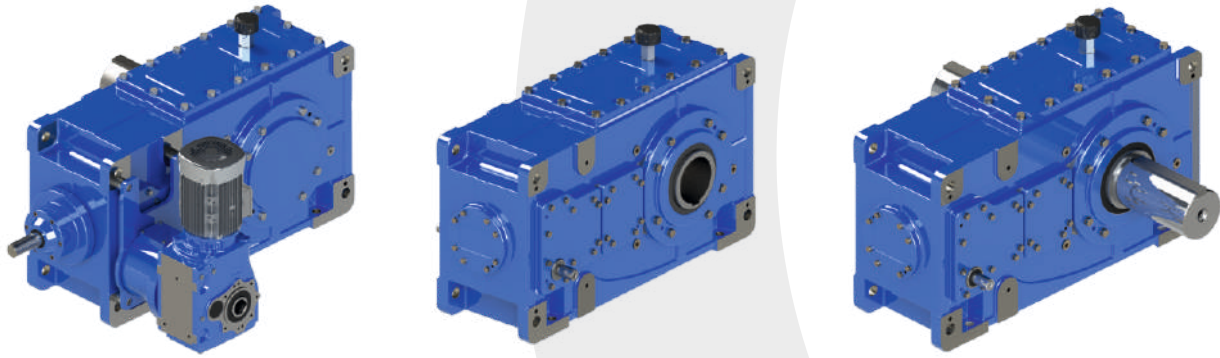
Another advantage of planetary gear units is the possibility to mount various stages of different sizes serially in order to allow usage of various exchange rates. Exchange rates for planetary gear units can vary up to 3:1 to 7:1 in single stage gear units, and up to 10,000:1 rate in 5-stage.

Wide options for the output shafts and flanges can simplify assembly operation of reducer unit in industrial machines or industrial facilities.

- **Power**
0.12 ... 160 kW
- **Torque**
460 ... 850000 Nm
- **Ratio**
3.56 ... 9793

Type	Torque [Nm]
PL/PLB 1000	1120
PL/PLB 1600	1730
PL/PLB 2500	3590
PL/PLB 5000	5210
PL/PLB 7000	7160
PL/PLB 10000	12450
PL/PLB 16000	18380
PL/PLB 18000	18380
PL/PLB 25000	31380
PL/PLB 30000	31380
PL/PLB 35000	38250
PL/PLB 50000	62020

Type	Torque [Nm]
PL/PLB 65000	70700
PL/PLB 90000	100980
PL/PLB 130000	166600
PL/PLB 170000	216750
PL/PLB 220000	242900
PL/PLB 250000	294400
PL/PLB 300000	315900
PL/PLB 380000	461700
PL/PLB 460000	578700
PL/PLB 550000	741700
PL/PLB 620000	850000



PH/PB Series

Industrial Type Gear Units

NRW industrial type reducers are modified in accordance with single body design with approved quality. This unique body concept refers to the most perfect tenderness, stiffness and durability.

Thanks to single body design, wide bearings that last longer are used. Furthermore, thanks to seals resistant to wearing, leakproofing is at the highest level.

Along with increased power capacity, higher operational reliability is ensured.

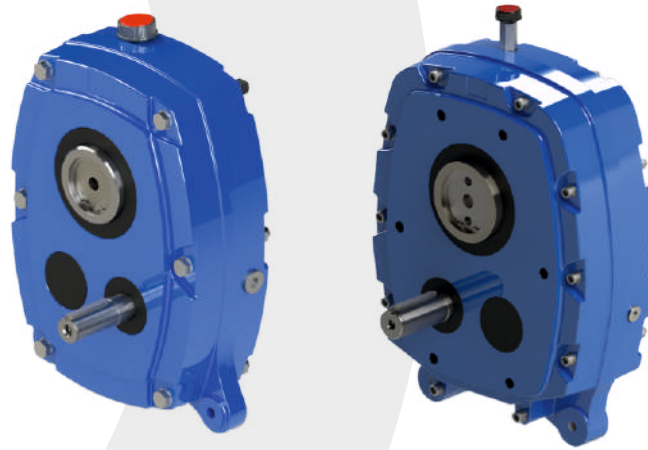
NRW industrial type reducers are available in two types such as parallel shaft helical geared (PH) and bevel-helical geared (PB). Both can be provided in horizontal and vertical mounting position.

The Body Cases are designed as 2, 3, 4 stages and it has been presented to the market in 9 different bodies for now.

- Power
3.5 ... 4630 kW
- Torque
2350 ... 479400 Nm
- Ratio
1.25 ... 459.50

Type	Torque [Nm]
PH/PB 42	7000
PH/PB 52	11760
PH/PB 62	15120
PH/PB 72	21315
PH/PB 82	26880
PH/PB 92	35385
PH/PB 102	44310
PH/PB 112	62265
PH/PB 122	77490
PH/PB 132	90300
PH/PB 142	112350
PH/PB 152	150150
PH/PB 162	168000
PH/PB 172	204750
PH/PB 182	241500
PH/PB 192	306600

Type	Torque [Nm]
PB 43	7035
PH/PB 53-54	12180
PH/PB 63-64	16275
PH/PB 73-74	22785
PH/PB 83-84	28560
PH/PB 93-94	37485
PH/PB 103-104	46410
PH/PB 113-114	66675
PH/PB 123-124	81900
PH/PB 133-134	95250
PH/PB 143-144	118650
PH/PB 153-154	160650
PH/PB 163-164	181650
PH/PB 173-174	210000
PH/PB 183-184	252000
PH/PB 193-194	315000



P Series

Shaft - Mounted Helical Gear Units

P series gear units could be manufactured to 12 different body sizes from P1 to P12. These are the fast shaft mounted gearboxes. This types can be easily installed and dismantled by mounting directly on the drive shaft. Motion is achieved by belt-pulley, chain gear etc. They can be manufactured with backstop, without backstop or shrick disk.

A Torque Arm could also be supplied for fixing the gear unit. Body material from P1 to P4 is GG22-25, from P5 to P12 is GGG40-50 and they have been designed with care and attention to feature esthetics and durability of these gearboxes.

Roller bearings are processed in CNC machines by considering all sensitivities. Long working life is taken into consideration in selection of bearings.

The gears are manufactured from 21NiCrMo2 (8620 SAE) quality, forged material and subjected to isothermal annealing after forged process. Cementation process is applied based on hardness depth and 58-60 HRC hardness is ensured. Our gears are subjected to scraper and profile grinding processes. They have a structure that allows maximum load and torque output of highest efficiency. With wider gear surface, maximum torque is achieved.

They are manufactured by 1040-1050 (SAE) quality materials and their overtaking tolerances are determined according to norms. Our circuit rates are 5/1-13/1-20/1, accordingly by means of using belt pulley drive, 10 rpm and 400 rpm output revolution can be achieved.

- **Power**
0.52 ... 272 kW
- **Torque**
428 ... 42700 Nm
- **Ratio**
5 ... 20

Type	Torque [Nm]
P1	497
P2	783
P3	1240
P4	1815
P5	3140
P6	4500
P7	6950
P8	9445
P9	12400
P10	17600
P11	24460
P12	42700



Pt/A Series

Shaft - Mounted Helical Gear Units

Pt/A series gearboxes are shaft - mounted speed reducers like P series. The difference from P-Series are designed as round.

They have been designed with care and attention to feature esthetics and durability of these gearboxes. Roller bearings are processed in CNC machines by considering all sensitivities.

This types can be easily installed and dismantled by mounting directly on the drive shaft. Motion is achieved by belt-pulley, chain gear etc. They can manufactured with backstop or without backstop. Torque Arm is also available for fixing this type gear units.

By considering wide power and RPM ranges, also various service factor dimensions, a wide usage area and facility are achieved. Long working life is taken into consideration in selection of bearings.

Gears are made of 21 NiCrMo2 (8620 SAE) quality materials and subjected to isothermal heat treatment after casting. Cementation process is applied based on hardness depth and 58-60HRC hardness is ensured. Our gears are subjected to scraper and profile grinding processes.

They have a structure that allows maximum load and torque output of highest efficiency. With wider gear surface, maximum torque is achieved. They are manufactured by 1040-1050 (SAE) quality materials and their overtaking tolerances are determined according to norms.

- **Power**
0.8 ... 237 kW
- **Torque**
144 ... 16800 Nm
- **Ratio**
5 ... 33.2

Type	Torque [Nm]
Pt/A 30	160
Pt/A 35	420
Pt/A 40	950
Pt/A 45	1420
Pt/A 50	2200
Pt/A 60	3680
Pt/A 70	5150
Pt/A 80	6930
Pt/A 100	11030
Pt/A 125	16800



PCS Series

Hoist Drive

Having the most powerful production technological area in Turkey with its developing specialist staff, NRW continues to improve Reducer production capacity and to maintain development without making concessions to its quality understanding.

As NRW, we have achieved our claim in crane sector by providing a complete solution to our customers by means of adding our experience in movement reducers to PCS (Polat Crane System) type reducers. Our Company has started mass production with new designs in crane lifting class.

PCS type lifting reducers produced specifically for lifting operations are;

- With lifting capacity ranging from 1.6 ton to 50tons,
- In accordance with FEM-ISO standards,
- With double speed (2-12 pole) or frequency inverter motors used,
- With low wear and silent operation,
- With aluminium and GGG40-GGG50 sphero casted options, therefore having a strong structure. In case of any contrary situations, the maximum power consumption in the system during lifting occurs. Substantial parts of wear or breaks are observed during this application.

Elements making up these reducers should be calculated according to these overloads. First of all, the gearbox selection at the lifting applications contains crucial subjects that should be considered.

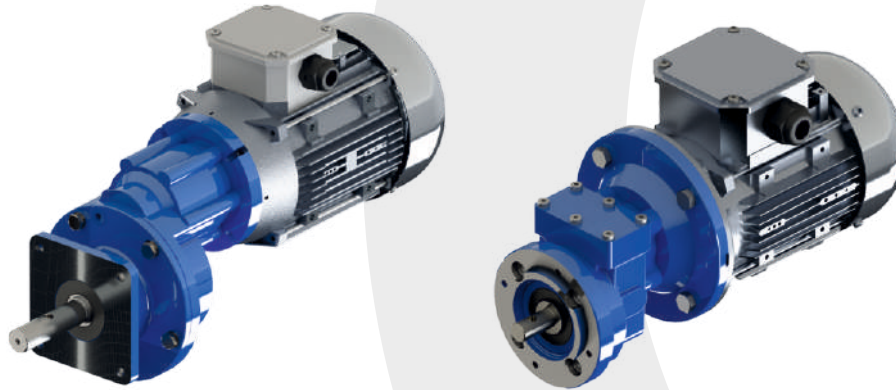
For lifting applications, reducers;

- Specially produced
- With specific load capacities,
- Suitable to lifting standards should be selected.

Motors to be used in this field are reducers with double speed and single-speed electromagnetic brake motors. Thanks to break, it is possible to stop the load in desired position.

- **Lifting Speed**
0.4 ... 8.1 m/dk
- **Power**
0.37 ... 37 kW
- **Load Capacity**
1 - 3 - 5 - 10 - 20 - 25 - 50 ton
- **Ratio**
39,56 ... 215,80

Type	Torque [Nm]
PCS 1	750
PCS 3	970
PCS 5	2770
PCS 10	5610
PCS 20	9130
PCS 25	16320
PCS 50	27930



PX-PPC Series

The Gearmotors For Poultry Farm

As a NRW, we continue to make innovations. By extending our product range, we manufactured PX 031, PPC 071-080 gearboxes. These gearboxes which named Feeding Gearboxes are specifically designed for feeding systems which are going to be used in poultry-house animal ranches.

They are single-staged. All the gearbox housings are pressurized aluminium - alloy castings and manufactured suitable to the of working at under heavy conditions. The gears are helical and produced from cementation steel, they were hardened. The output shafts are produced from tempered steel and are hardened too.

The bearings are calculated according to 20.000 working hours. Upon the customer request, the specific amendments could be made with presenting low-cost solutions.

Our PX 031, PPC 071-080 gearboxes, are both presented without motor PAM B5/B14 flanges and also with motorized B5/B14 flange. Aiming to respond to the specific demands of each customers, at the output flanges and output shafts, broad range of selection opportunities are offered.

Our PX 031, PPC 071-080 gearboxes are dispatched with synthetic oil. The oil amount inside of it, is suitable to every mounting positions. During the placing an order, emphasizing a mounting position is not necessary.

PX 031

- **Power**
0.45 ... 1.10 kW
- **Torque**
19 ... 24 Nm
- **Ratio**
2.55 ... 7.87

PPC 071 - 080

- **Power**
0.55 ... 1.10 kW
- **Torque**
12 ... 22 Nm
- **Ratio**
3.00

Type	Torque [Nm]
PX 031	24
PPC 071	12
PPC 80	22



PYK Series

Feeder Mixer Drives for Horizontal and Vertical

To the growing of animal, aiming to increase production, nutritive feed is highly needed. Mixing the components efficiently which creates nutritive feeds and to crumble as an intended size, the feedmixing machines are exercised. Efficient mixing process is crucial step for the quality feed production.

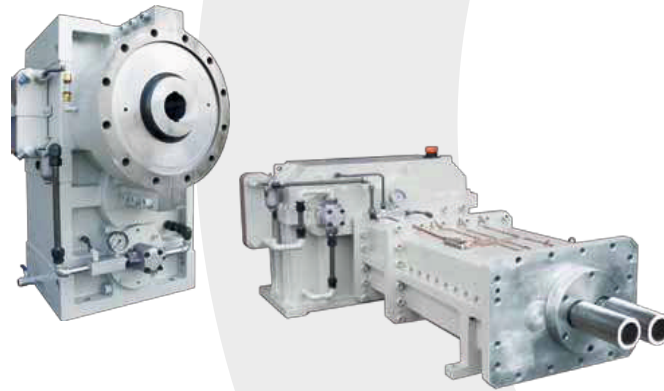
At feed mixing machines, during the crumbling and mixing, variable and sudden forces are necessary. This high power and need of resistance could only be achieved by using the transmitting elements which are well designed that could work under heavy conditions and guarantee the quality with successfully completed production processes.

NRW, with it's own modular planet gearboxes that specifically designed for all capacities of horizontal and vertical feed mixing machines, having broad ratio range, is presented economic solutions and these gearboxes are modified to answer the requirements of animal feed mixers who work in agricultural industry.

Horizontal Feed Mixing Gearboxes	
Type	Torque [Nm]
PYK 5002	5000
PYK 7002	7000
PYK 10002	10000
PYK 16002	16000
PYK 18002	18000
PYK 25002	25000
PYK 30002	30000
PYK 35002	35000

- Capacity
0,5 ... 20 m³

Vertical Feed Mixing Gearboxes		
Type	Kapasite	Torque [Nm]
PYK 1602	0,5 ... 1,5 m ³	3500
PYK 5002	2 ... 4 m ³	7000
PYK 72	2 ... 4 m ³	9800
PYK 18002-A	5 ... 8 m ³	24000
PYK 18002-B	10 ... 16 m ³	32000
PYK 25002	18 ... 20 m ³	48000
PYK 130	16 m ³ 'e kadar	-



PEX (EXTRUDER) Series

Single / Twin - screw

As a NRW, we already launched of producing extruder gearboxes. PEX series is designed for single screwed extruders. Can be supplied at 12 different casting sizes with 2 or 3 staged. At 2 - staged, gearboxes have the ratios from 8 to 30 and at 3-staged, gearboxes have the ratios between 10 to 50.

The gearbox ratios for 2 and 3 stages are taking part between these given values. Because of having a broad distance between input and output shafts, the electric motor and drum could easily be mounted. At these gearboxes with helical geared type, by using Ç8620 material, the gear manufacturing has been making.

In case the housings have been producing from grey graphitic GG25 moulding. The bearings which have been using for the axial load of extruder screw are 'E' series 294.

- **Power**
7.5 ... 300 kW
- **Torque**
1120 ... 160.000 Nm
- **Ratio**
8 ... 50

Type	Torque [Nm]
PEX 112 3s	2080
PEX 125 4s	4270
PEX 140 4s	6400
PEX 160 4s	8640
PEX 180 4s	13280
PEX 200 4s	20800
PEX 225 4s	30720
PEX 250 4s	40100
PEX 280 4s	56000
PEX 320 4s	92000
PEX 360 4s	110400
PEX 400 4s	160800

Our team is always ready to serve you

Connection To NRW...

You can contact our sales team of NRW
Germany in 7 days for 24 hours.

You could find out the updated
fair schedule at the link of
www.nrwdrivetechologies.com.tr
and may contact by phone.



For NRW GmbH Sales Team : info@nrwdrivetechologies.com + 49 (0) 2382 855 70 10



Certificates...



NRW
DRIVE TECHNOLOGIES

MANUFACTURER'S DECLARATION
In accordance to the EC-Machinery Directive 2006/42/EC, Annex IIB

are manufactured, tested and verified in conformity with the European Directive ATEX 2014/34/EU and that are suitable for installation in potentially explosive atmospheres, within the limits of classified areas, providing that declared performance use/installation instructions are respected.

We declare on our own responsibility that the following products,

Helical Gear Units
Type: A/F

which this declaration refers to be incorporated into machinery or assembled with other machinery covered by the Machinery Directive is in conformity with the following standards

Applied harmonized standards: TS EN ISO 12100 : 2010
TS EN ISO 13857
TS EN 60204
TS EN ISO 80079-36:2016
TS EN ISO 80079-37:2016

July 11, 2016
Date

The products mentioned in this declaration should not be put into service, until the machinery has no conformity of the provisions of the relevant European Directives.


Authorized Person
Niclas DENIR
General Manager

This declaration is not a guarantee of characteristics in the sense of the product liability law. The safety regulations of the user manual have to be observed.

NRW IN DER SCHLINGE 6, D-59227 AHLEN / GERMANY
DRIVE TECHNOLOGIES Tel: 0049 / 2382857010-7011-7012-7016
e-mail: info@nrwdrive technologies.com
web: www.nrwdrive technologies.com

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We declare on our own responsibility that the following products,

Parallel Shaft Mounted Gear Units
Type: D/M

Case width: Foot mounted / Case mounted


252 - 253
302 - 303
352 - 353
402 - 403
502 - 503
602 - 603
702 - 703
802 - 803
902 - 903

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We declare on our own responsibility that the following products,

Helical Bevel Gear Units
Type: K

Case width: Foot mounted / Case mounted


35390
40390
50390
60390
70390
90390
100390

which this declaration refers to be incorporated into machinery or assembled with other machinery covered by the Machinery Directive is in conformity with the following standards

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TS EN 60204
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We declare on our own responsibility that the following products,
Worm Gear Units
Type: PMRV/PRV PLUS


Case width: 030,...,150 ratio 5/1, 7,5/1, 10/1 100/1

which this declaration refers to be incorporated into machinery or assembled with other machinery covered by the Machinery Directive is in conformity with the following standards

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TS EN ISO 13857
TS EN 60204
TS EN ISO 80079-36:2016
TS EN ISO 80079-37:2016

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We declare on our own responsibility that the following products,
Worm Gear Units
Type: SW/LSW

Case width: 030,...,105 ratio 5/1, 7,5/1, 10/1 100/1

which this declaration refers to be incorporated into machinery or assembled with other machinery covered by the Machinery Directive is in conformity with the following standards

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TS EN ISO 13857
TS EN 60204
TS EN ISO 80079-36:2016
TS EN ISO 80079-37:2016

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We declare on our own responsibility that the following products,
Planetary Gear Units
Type: PL/PLB


Case width: PL 1001 620001
PL/PLB 1002 620002
1003 620003
1004 590004
170005 620005

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TS EN 60204
TS EN ISO 80079-36:2016
TS EN ISO 80079-37:2016

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We declare on our own responsibility that the following products,
Industrial Type Gear Units
Type: PH/PB


Case width: PH 31 221
74 224
PH/PB 42 222
PB 53 223
54 224

which this declaration refers to be incorporated into machinery or assembled with other machinery covered by the Machinery Directive is in conformity with the following standards

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TS EN ISO 13857
TS EN 60204
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We declare on our own responsibility that the following products,
Shaft Mounted Speed Gear Units
Type: P

Case width: PL...PB ratio 5/1 13/1 20/1
PL...PB ratio 13/1 20/1

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TS EN 60204
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We declare on our own responsibility that the following products,
Shaft Mounted Speed Gear Units
Type: P/A


Case width: P/A 30, 35, 40, 45, 50, 60, 70, 80, 100, 125 ratio single stage sizes
P/A 35, 40, 45, 50, 60, 70, 80, 100, 125 ratio double stage sizes

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We declare on our own responsibility that the following products,
Holst Drive Gear Units
Type: PCS
Case width: 3 - 5 - 10 - 20 - 25 - 50

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We declare on our own responsibility that the following products,
The Gearmotor For Poultry Farm
Type: PX/PPC
Case width: PX 031
PPC 071, 080

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We declare on our own responsibility that the following products,
Feeder Mixer Drives For Horizontal and Vertical
Type: PYK
Case width: 92 - 72 - 130
1601 - 2001 - 5001
1602 - 5002YK - 7002
18002A - 18002B - 25002
10002/10003 - 12002/12003 - 16002/16003
17002/17003 - 18002/18003 - 21002/21003
22002/22003 - 30002/30003 - 30004
42003/42004 - 35002/35003 - 35004

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Industrial Type Gear Units
Type: PH/PB
Case width: PH 31 221
74 224
PH/PB 42 222
PB 53 223
54 224

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In der Schlinge 6, 59227 Ahlen / Germany

• T: +49 (0) 2382-855 7010 • F: +49 (0) 2382-855 7015 • info@nrwdrivetechnologies.com
• www.nrwdrivetechnologies.com