

for absolute solutions...

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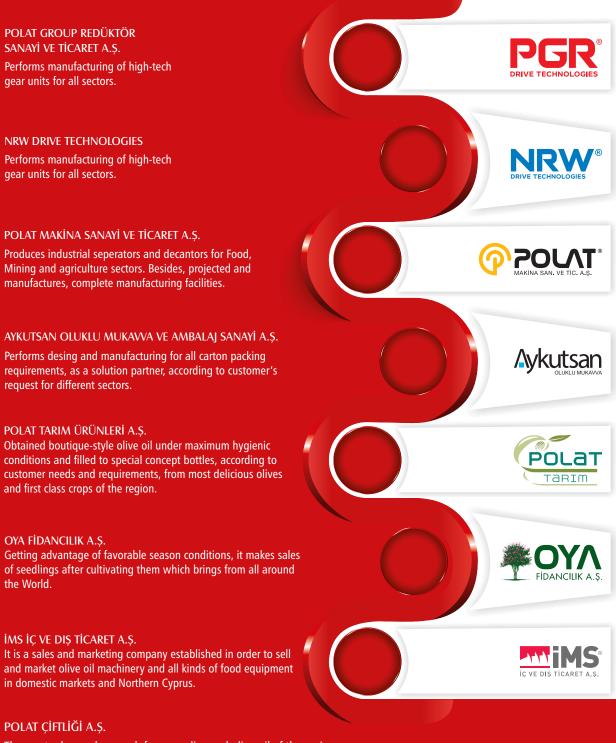
For absolute solutions...



POLAT GROUP

The POLAT GROUP, which has subsidiaries in many sectors, began his first activities with the production of Olive Oil machines in1978.

The companies within the group ;



The most advanced research farm on olive and olive-oil of the regions. The life and productivity analysis of Olive trees which brought from various places of the World, are followed and reviewed on this Farm. The effects and consequences on crops are evaluating and researching together with regional universities and government agencies.



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.

Polat Group Reduktor 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...

PGR 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.







Eco Friendly

We work for a greener World and the future.

As Polat Group Reducer 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

















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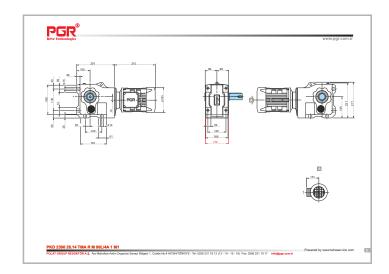
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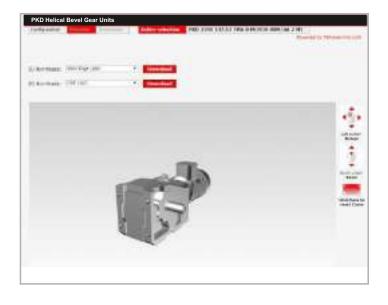
I'm Feeling Lucky

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Pgr Configurator Software



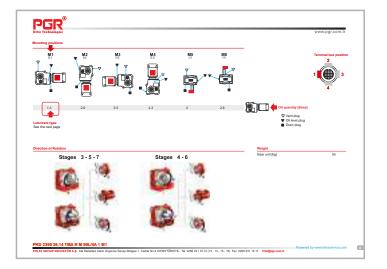




2D/3D Drawings

The PGR 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, PGR is as close as your computer, access to PGR products is as fast as internet.



Data Sheets

You can find informations on these data sheet pages of the gearboxes 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 should be changed.

PA/PF Helical Gear Units

This type of Reducers can be produced with 1,2,3,4, 5,6 stages. 11 case sizes ranging from 02-03 up to 102-103 are available. Helical-type reducers with 2 and 3 stages (from PA/PF 62-63 to PA/PF 102-103) are mounted coaxially to motor and output shaft.

Our 2-stage reducers are available from PA/PF 02 to 52. Our 2-stage reducers from PA/PF 02 to PA/PF 52 can be produced in 3-stage by increasing case resistance in exchange ratios. These 3-stage reducers are designed under the name of PA/PF 03 PA/PF 53.

PA/PF 62/63 and oversized helical gearboxes could be provide 2 or 3 stages in the same body. There are footed and flanged versions available for helical gear reducers.

Since flange is a single part with the case in flanged helical type reducers, there are not any connection bolts between case and flange. In this type of reducers, gears made of 8620 forged material and sphero materials are used for the cases. Thus, the case resistance and gear strength is raised up to maximum level.



Туре	Torque [Nm]
PA/PF 02	
PA/PF 03	
PA/PF 12	
PA/PF 13	
PA/PF 22	
PA/PF 23	
PA/PF 32	
PA/PF 33	
PA/PF 42	
PA/PF 43	
PA/PF 52	
PA/PF 53	
PA/PF 62	
PA/PF 63	
PA/PF 72	
PA/PF 73	
PA/PF 82	
PA/PF 83	
PA/PF 92	
PA/PF 93	
PA/PF 102	
PA/PF 103	26842

Power
0.12 ... 160 kW
Torque
2 ... 26842 Nm
Ratio
1.24 ... 14373.83

PD/PM

Parallel Shaft Mounted Gear Units

Gear units with hollow shaft can be installed directly in the application area. As for body size, they are provided with 2-stage from PD/PM A02 up to 52. PD/PM 13...53 sized 3 stage gearboxes are provided by with a reductor assembled on the reducers up to PD/PM 12...52. For larger body dimensions PD/PM 62 to 112 and PD/PM 63 to 123 are provided with 2 and 3-stage in the same body. In block bodies, it is possible to apply 2 and 3-stage on the same body. Four different designs are available for mounting a parallel shaft gearboxes with a hollow shaft and output shaft.

- 1) B14 flanged,
- 2) B5 flanged,

3) Foot-mounted design for PD/PM A02 to C13 and PD/PM 92 and upper body dimensions,

4) Rubber buffer for torque arm.

In this type of reducers, gears made of 8620 forged material and sphero materials are used. Thus, the body resistance and gear strength is raised up to maximum level. Polat Hollow Shaft and Polat Solid Output Shaft series gearboxes are offered with 15 different body options and can provide a maximum of 97000 Nm with a power from 0.12kW to 200kW.

> 0.12 ... 200 kW - Torque 4 ... 97399 Nm - Ratio

Power

4.02 ... 6601.35



Туре	Torque [Nm]
PD/PM A02	131
PD/PM B02	
PD/PM 12	
PD/PM C13	
PD/PM 13	
PD/PM 22	
PD/PM 23	
PD/PM 32	
PD/PM 33	
PD/PM 42	
PD/PM 43	
PD/PM 52	
PD/PM 53	
PD/PM 62	
PD/PM 63	
PD/PM 72	
PD/PM 73	
PD/PM 82	
PD/PM 83	
PD/PM 92	
PD/PM 93	
PD/PM 102	
PD/PM 103	
PD/PM 112	
PD/PM 113	88779
PD/PM 123	97399

PKD

Helical Bevel Gear Units

PGR PKD series are provided with various exchange ratios in 11 different body sizes. These bodies are divided into 2 main groups such as foot and flange mounted on the body. The PKD series gearboxes allows to users turning the movement 90 degrees by reducing the cycle of movement given to gearbox with the bevel gears in the structure of the reducer. Solid body design provides a solid body structure in PKD series and it does not include any connection element (screw etc.) that may result in axial dislocation.

Casted body minimizes the oscillation effect. According to the request's of the users, there is a high efficiency of about 94-96% provided in the output in both directions.

The gears processed on the latest system CNC machines in our factory, meets today's international standards with high manufacturing tolerance. Our gears made of casted materials are treated with processes such as heat treatment, cementation and honing, therefore quite and competent reducers are produced. Besides, secure working conditions are ensured. PKD series reducers can be used in all types of industrial application.

Our standard products with motor, W input shaft, IEC adapter and PAM B5 / B14 adapter that we supply are;

- With Hollow Shaft or Solid Shaft Output
- · With Hollow Shaft with shrink disc
- Torque Arm (on in body mounted)
- B5 or B14 flanged
- DIN 5480 spline shaft



Туре	Torque [Nm]
PKD A 0290	104 104
PKD B 0290	
PKD C 1290	
PKD F 4290	509
PKD H 5290	
PKD 1390	
PKD 1490	
PKD G 1390	781
PKD G 1490	763
PKD 2390	
PKD 2490	975
PKD 3390	2028
PKD 3490	1995
PKD 4390	
PKD 4490	
PKD 5390	6384
PKD 5490	6117
PKD 6390	10925
PKD 7390	
PKD 8390	
PKD G 8390	
PKD 9390	42375
PKD G 9390	64405

• **Power** 0.12 ... 200 kW

- Torque
- 3 ... 64405 Nm - **Ratio**
- 3.85 ... 13432.68

PSH Series

Helical - Worm Gear Units

Helical-worm gearboxes are gear reducers with an angle of 90 ° between the motor shaft and the output shaft. For this reason, it grants beneficial properties in applications (system). All helical-worm gearboxes mentioned in this catalog are 2 and 3 stages.

The helical gears of the helical-worm gearboxes are made of forged 8620 steel and the gears are hardened. Gear geometries and corrections can be optimized to achieve precision shaft alignment, high load capacity, long service life and low noise.

Worm leveled gear is not only hardened, but also made of hardened special bronze wheel and fixed firmly upon the shaft. This combination guarantees a long service life. Helical-worm gearboxes produced in modern CNC machines are delivered to our esteemeed customers with the highest product quality by our regular process controls.

For high durability of helical-worm gearbox, they are filled with high quality polyglycol based synthetic oil at the factory. This synthetic oil provides the long servicelife and high efficiency by lowering the friction a minimum.

The helical-worm gearboxes are supplied in two stages from PSH 2040 to PSH 2125. These gearboxes could be offered in 3 stages by assembling reductor for high gear ratios. These are provided in total of 5 body dimensions ranging from PSH 3050 to PSH 3125. They can be provided with Foot mounted and case mounted connection positions. Both connection positions can be with Solid Shaft and Hollow Shaft outputs.

Power

 0.12 ... 15 kW

 Torque

 3 ... 3596 Nm

 Ratio

 4.40 ... 7095.12



Туре		Torque [Nm]
PSH 2040		
PSH 2050	L	
PSH 3050		
PSH 2063		
PSH 3063		
PSH 2080		
PSH 3080		
PSH 2100		
PSH 3100		1722
PSH 2125		2968
PSH 3125		3596

PL/PLB Series

Planetary Gear Units

In power transmission field, using plant 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 rice. These rates vary depending on product configuration.

PL planet 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 planet 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 planetgear 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.



Туре	Torque [Nm]
PL/PLB 1000	
PL/PLB 1600	1730
PL/PLB 2500	
PL/PLB 5000	
PL/PLB 7000	
PL/PLB 10000	
PL/PLB 16000	
PL/PLB 18000	
PL/PLB 25000	
PL/PLB 30000	
PL/PLB 35000	
PL/PLB 50000	
PL/PLB 65000	
PL/PLB 90000	
PL/PLB 130000	
PL/PLB 170000	
PL/PLB 220000	
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

PGR 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.

PGR 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.



Tura	Towning [New]
Туре	Torque [Nm]
PH/PB 42	
PH/PB 52	
PH/PB 62	
PH/PB 72	
PH/PB 82	
PH/PB 92	
PH/PB 102	
PH/PB 112	
PH/PB 122	
PH/PB 132	
PH/PB 142	
PH/PB 152	
PH/PB 162	
PH/PB 172	204750
PH/PB 182	241500
PH/PB 192	306600

Power

3.5 ... 4630 kW

Torque

2350 ... 479400 Nm
Ratio

1.25 ... 459.50

Туре	Torque [Nm]
PB 43	
PH/PB 53-54	
PH/PB 63-64	
PH/PB 73-74	
PH/PB 83-84	
PH/PB 93-94	
PH/PB 103-104	
PH/PB 113-114	
PH/PB 123-124	
PH\PB 133-134	
PH/PB 143-144	
PH/PB 153-154	
PH/PB 163-164	
PH/PB 173-174	210000
PH/PB 183-184	252000
PH/PB 193-194	315000

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, lenght and foot connection measurements are different.

According to body size, $4 \cdot 3 \cdot 2$ 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.



Туре	Torque [Nm]
A/F 202	
A/F 202 G	
A/F 252	
A/F 253	
A/F 302	
A/F 303	
A/F 352	
A/F 353	
A/F 402	
A/F 403	
A/F 502	
A/F 503	
A/F 602	
A/F 603	
A/F 702	5250
A/F 703	5345
A/F 902	8000
A/F 903	8554

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

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.



Туре	Torque [Nm]
D/M 302	
D/M 303	
D/M 352	
D/M 353	675
D/M 402	
D/M 403	
D/M 502	
D/M 503	
D/M 602	3285
D/M 603	3296
D/M 702	
D/M 703	
D/M 902	
D/M 903	

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

Туре		Torq	ue [Nm]
K 35390	L		656
K 40390			926
K 50390			
K 60390			
K 70390			5375
K 90390			8850
K 100390			13842



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.



Туре		Torque [Nm]
PMRV/PRV 03	0	
PMRV/PRV 04	0	
PMRV/PRV 05	0	
	3	
PMRV/PRV 07	5	
PMRV/PRV 09	0	
PMRV/PRV 10	5	
PMRV/PRV 11	0	
PMRV/PRV 13	0	
PMRV/PRV 15	0	1997

Power

 0.06 ... 15 kW

 Torque

 1.4 ... 1997 Nm

 Ratio

 5.00 ... 5000.00

P Series

Shaft - Mounted Helical Gear Units

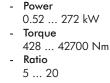
P series gear units could be manufactured to 12 different body sizes from P1 to P12. These are the fast shaft mounted gearboxes. This types can be easily installed and dismantled by mounting directly on the drive shaft. Motion is achieved by belt-pulley, chain gear etc. They can manufactured with backstop, 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.





Туре	Torque [Nm]
P1	
P2	
P3	
P4	
P5	
P6	
P7	
P8	
P9	
P10	
P11	
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 58-60 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.

Туре	Torque [Nm]
Pt/A 30	
Pt/A 35	
Pt/A 40	
Pt/A 45	
Pt/A 50	
Pt/A 60	
Pt/A 70	
Pt/A 80	
Pt/A 100	
Pt/A 125	16800

Power

 0.8 ... 237 kW

 Torque

 144 ... 16800 Nm

 Ratio

 5 ... 33.2

PCS Series

Hoist Drive

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

As PGR, 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 50 tons,

- 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 wearsor 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.

-	Litting	Speed
	0.4	8.1 m/dk

- Power
- 0.37 ... 37 kW

.

- Load Capacity
 3 5 10 20 25
 50 ton
 Ratio
- 39.56 ... 215.80

Туре	Torque [Nm]
PCS 3	
PCS 5	
PCS 10	
PCS 20	
PCS 25	
PCS 50	35100

PEX (EXTRUDER) Series

Single / Twin -screw

As a Polat Group Reducer, we already launched of producing extruder gearboxes. PEX series is designed for single screwed extruders. Can be suppied 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.



Ürün Tipi	Moment [Nm]
PEX 112 3s	
PEX 125 4s	
PEX 140 4s	
PEX 160 4s	
PEX 180 4s	
PEX 200 4s	
PEX 225 4s	
PEX 250 4s	
PEX 280 4s	
PEX 320 4s	
PEX 360 4s	
PEX 400 4s	

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

PX-PPC Series

The Gearmotors For Poultry Farm

As a PGR, 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	PPC 071 - 080
- Power	- Power
0.45 1.10 kW	0.55 1.10 kW
- Torque	- Torque
19 24 Nm	12 22 Nm
- Ratio	- Ratio
2.55 7.87	3.00

Туре	Torque [Nm]
PX 031	
PPC 071	
PPC 80	

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 succesfully completed production processes.

PGR, 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		
Туре 🔺	Torque [Nm]	
PYK 5002		
PYK 7002		
PYK 10002		
PYK 16002		
PYK 18002		
PYK 25002		
PYK 30002		
PYK 35002		

- Capacity 0,5 ... 20 m³

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

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.

Our team is always ready to serve you

Connection To Pgr...

You can contact our sales team of PGR Turkey and Germany in 7 days for 24 hours.

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





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