

RIGHT ANGLE GEARBOX

ZR

Low rotating backlash
less than 10 seconds

- The right angle reducer is processed using a high precision six axial machine. It is clamped and finished all in one process.
- Transmission gears can achieve low rotating backlash and high accuracy through precision grinding.
- Precision transmission and quiet, stable operation can realize low noise, high rigidity and other requirements.



ZR-P
Solid shaft



ZR-H
Hollow shaft



ZR-2P
Double output shaft

Features

- The reducer body with a compact structure and small volume to save the mounting space.
- Although the reducer is small in volume and light in weight, and it features of high torque output and low backlash.
- When ordering, please inform the sizes of motor flange and shaft.

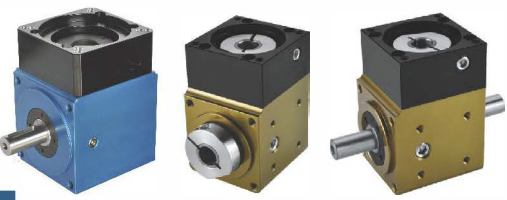


Model Identification



Right Angle Reducer Specifications Ratio Output mode

P: Single output shaft
2P: Double output shaft
H: Hole output
S: with planetary gearbox

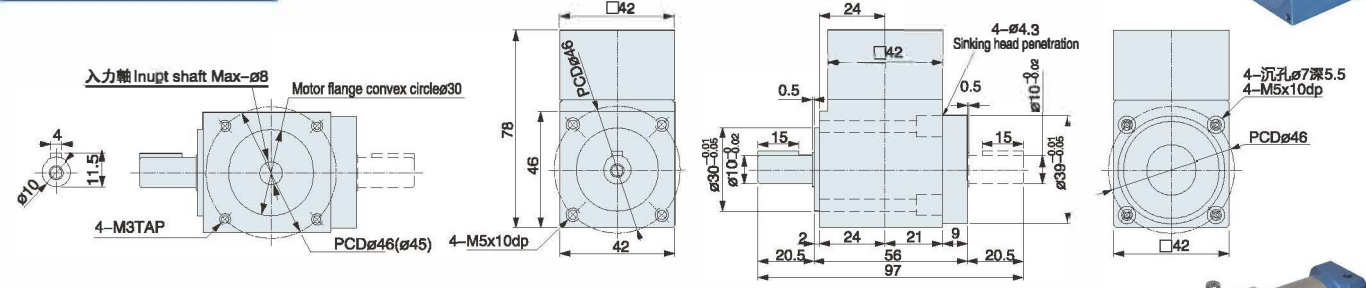


Specification

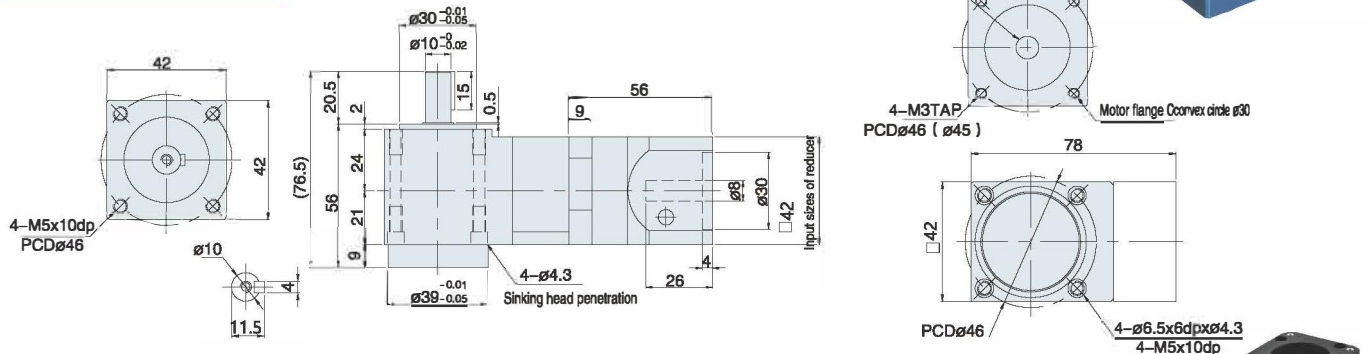
Description Model No.	Ratio	Allowable Max Torque (kgf.m/N.m)	Breaking Torque (kgf.m/N.m)	Allowable Max Speed (rpm/min)	Backlash (min-arc)	Weight (kg)
ZR042	3	1.5/15	4/40	2500	0.5	0.5
ZR042S	9.12.15.21.30	1.5/15	4/40	2500	2	0.9

Dimensions Unit: mm

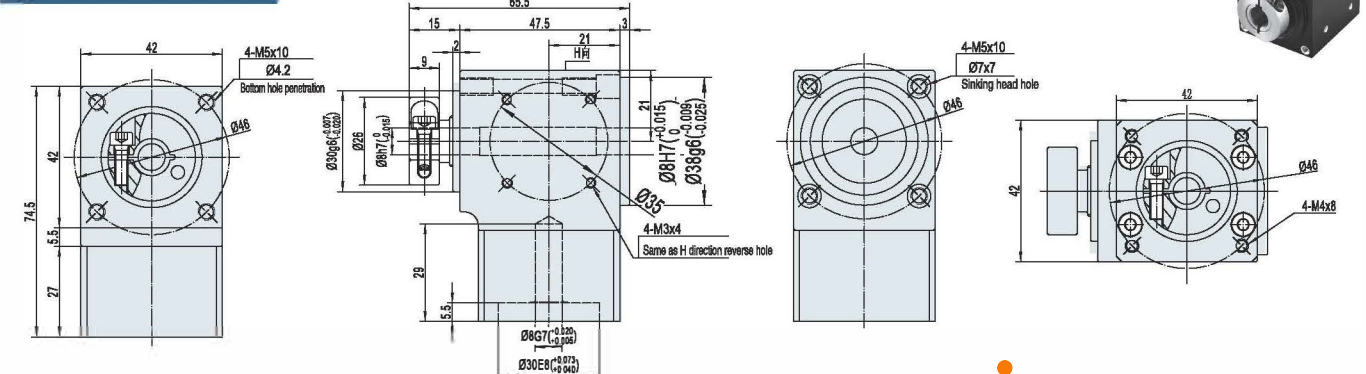
ZR-042P Single output shaft



ZR-042S with planetary gearbox



ZR-042H Hole output

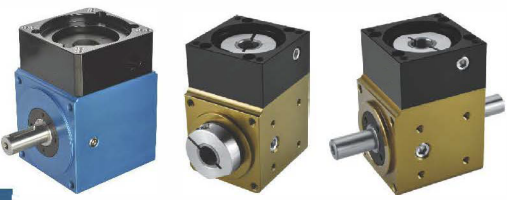


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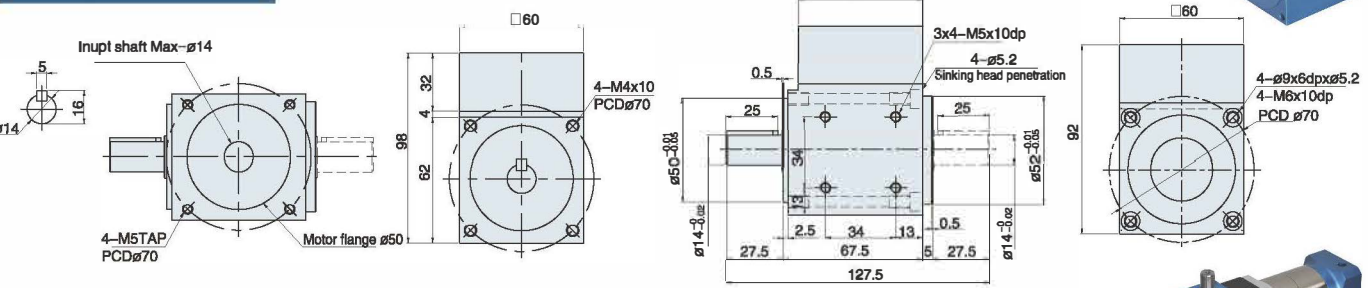


Specification

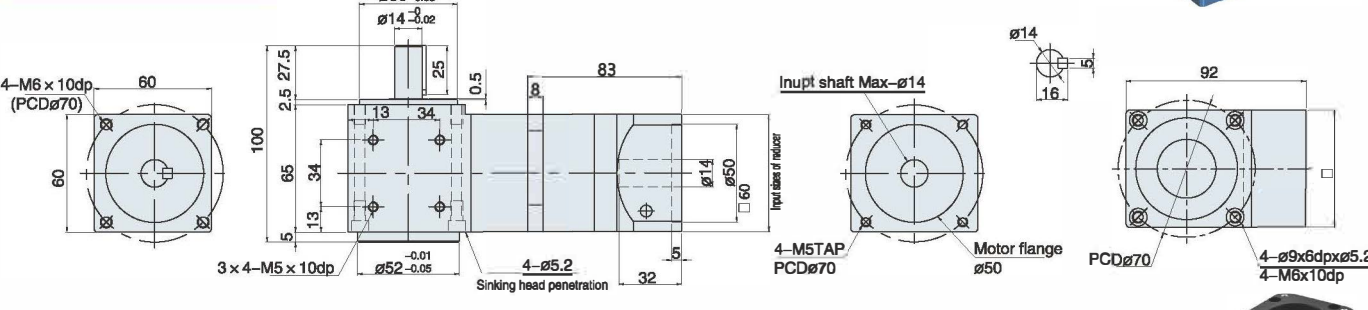
Description Model No.	Ratio	Allowable Max Torque (kgf.m/N.m)	Breaking Torque (kgf.m/N.m)	Allowable Max Speed (rpm/min)	Backlash (min-arc)	Weight (kg)
ZR060	2 / 3	4.5/45	12/120	2500	0.5	1.2
ZR060S	6.8.10.14.20	4.5/45	12/120	2500	2	2

Dimensions Unit: mm

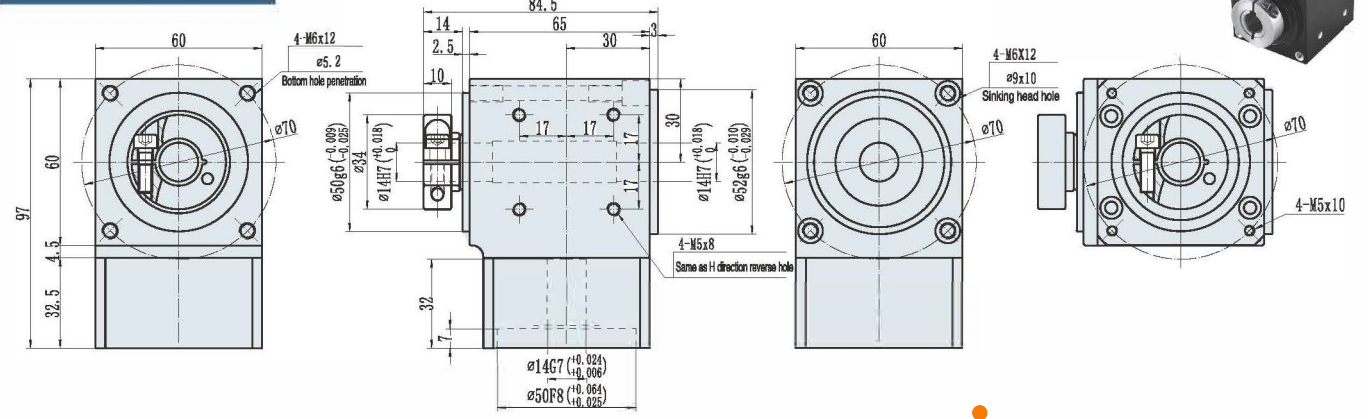
ZR-060P Single output shaft



ZR-060S with planetary gearbox



ZR-060H Hole output



Model Identification



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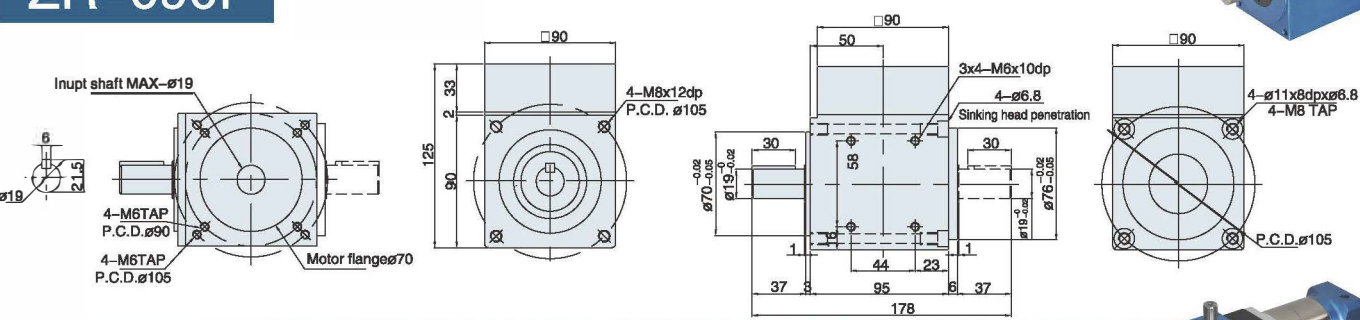
Specification

Description Model No.	Ratio	Allowable Max Torque (kgf.m/N.m)	Breaking Torque (kgf.m/N.m)	Allowable Max Speed (rpm/min)	Backlash (min-arc)	Weight (kg)
ZR090	2 / 3	12/120	32/320	2500	0.5	3.6
ZR090S	6.8.10.14.20	12/120	32/320	2500	2	6.5

Dimensions Unit: mm

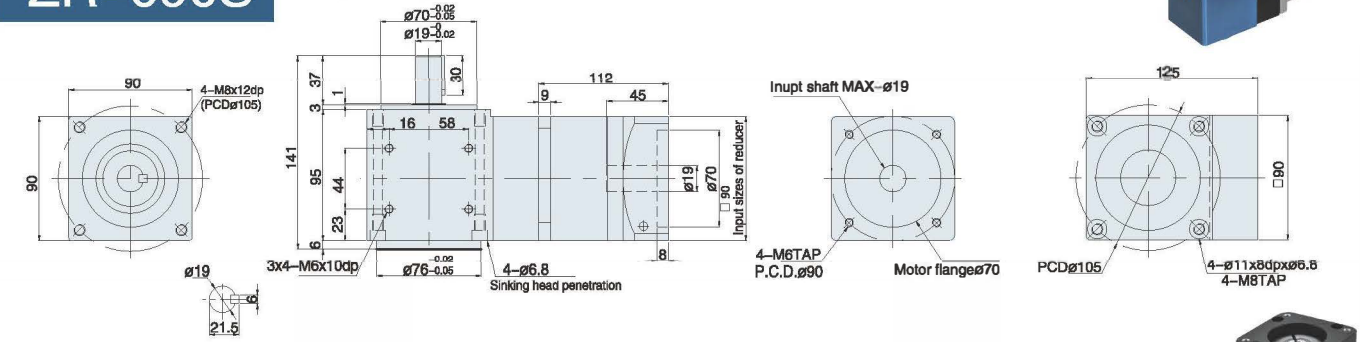
ZR-090P

Single output shaft



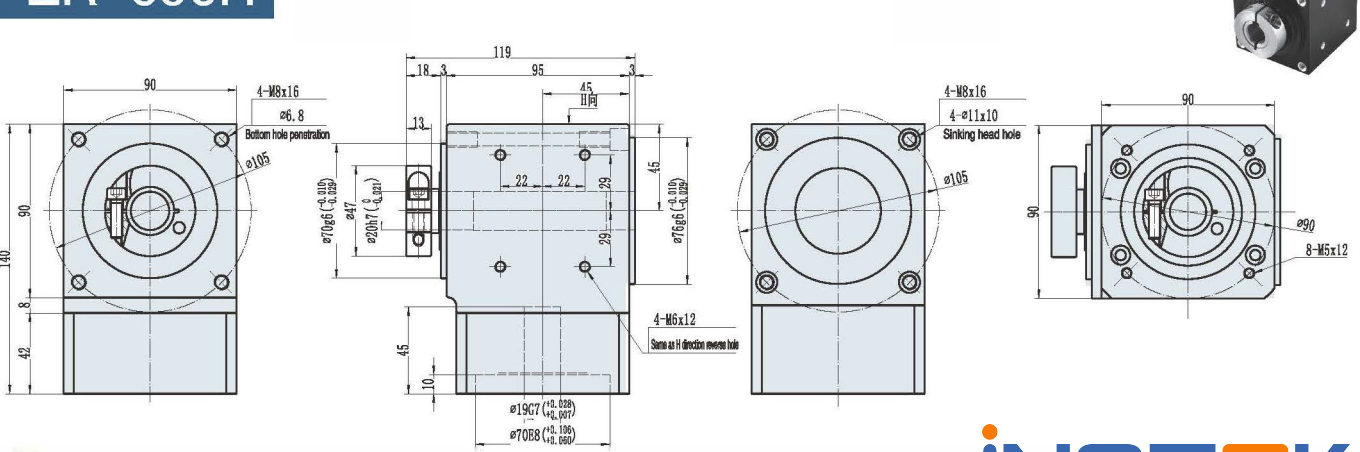
ZR-090S

with planetary gearbox



ZR-090H

Hole output



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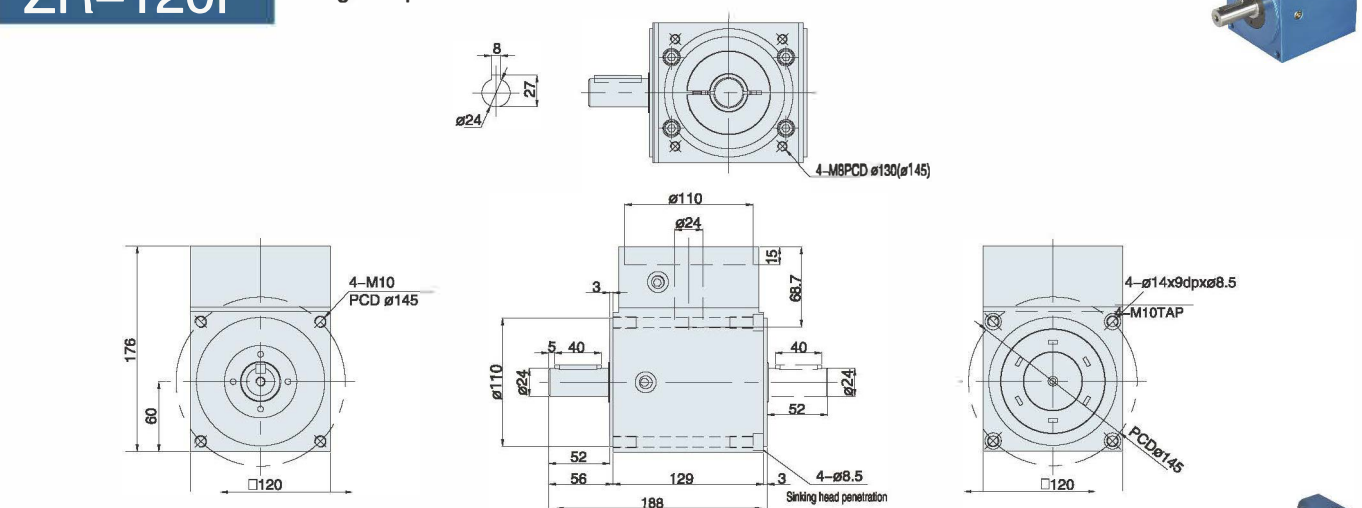
Specification

Description Model No.	Ratio	Allowable Max Torque (kgf.m/N.m)	Breaking Torque (kgf.m/N.m)	Allowable Max Speed (rpm/min)	Backlash (min-arc)	Weight (kg)
ZR120	2	16/160	45/450	2500	0.5	8
ZR120S	6.8.10.14.20	16/160	45/450	2500	2	15.5

Dimensions Unit: mm

ZR-120P

Single output shaft



ZR-120S

with planetary gearbox

