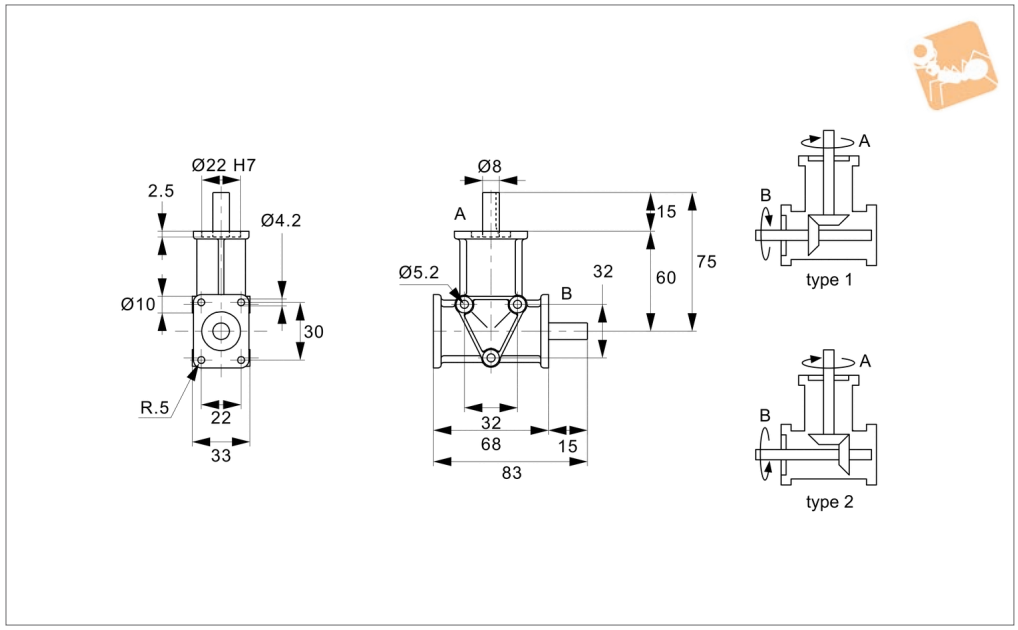


R2300

Material
Lightweight aluminium alloy housing. Case-hardened steel bevel gears and shafts.

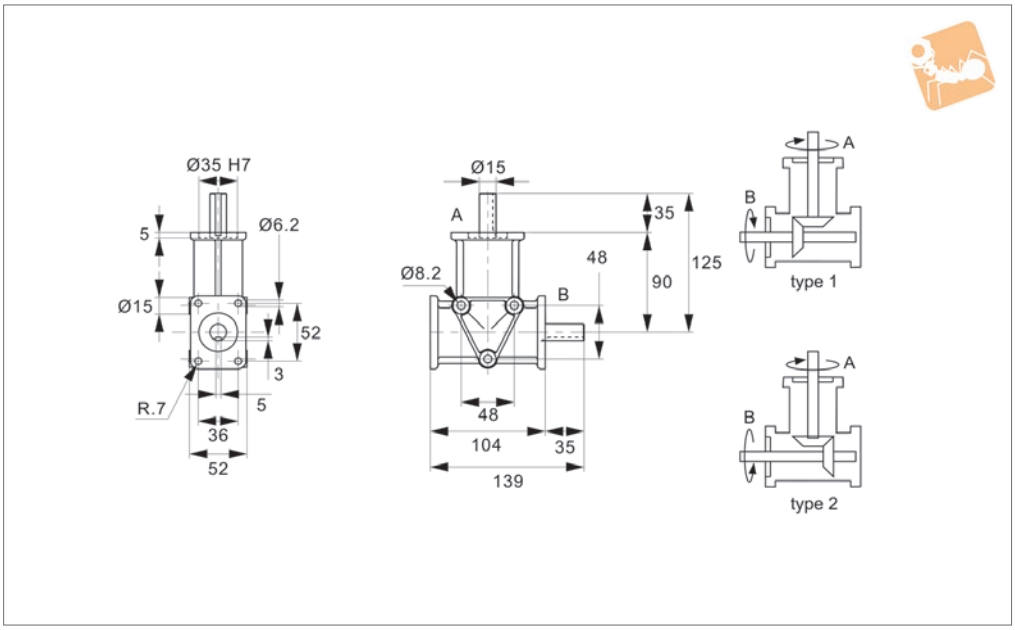
Technical Notes
Normally used as speed reducers.
Shaft A is the input shaft. Optimum performance is based on max. 1400 rpm input. Provides on average 10,000 hours trouble-free life. Very low operating noise levels. May also be used as speed increasers (here the max. shaft input speed for a 1:2 ratio unit is 750 rpm).
Temperature range is -20°C to +80°C.

Tips
See technical pages for gear box selection guide,
based on motor rating, gearing ratio, load type and expected hourly usage hours.

Order No.	Shaft dia. tol. f7	Type	Ratio	Input shaft A kW max.	Output shaft B Nm max.	Weight kg
R2300.1-1	8	1	1:1	0.35	2.4	0.3
R2300.2-1	8	2	1:1	0.35	2.4	0.3
R2300.1-2	8	1	2:1	0.18	1.2	0.3
R2300.2-2	8	2	2:1	0.18	1.2	0.3

Right Angle Drives - 2 Shafts
Ø15 shafts

R2306

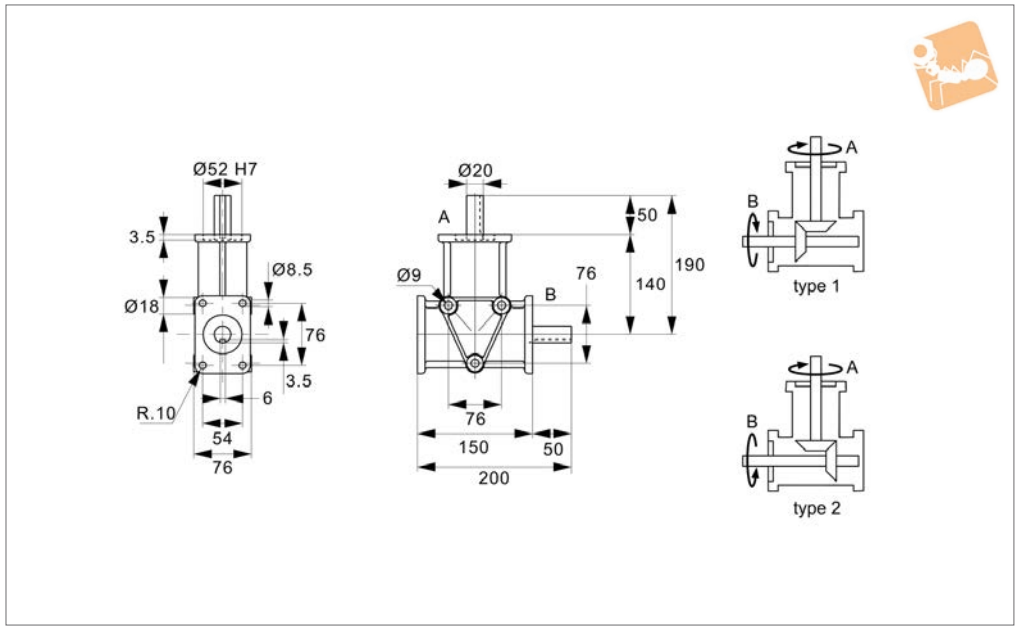


Material
Lightweight aluminium alloy housing.
Case-hardened steel gears and shafts.

Technical Notes
Normally used as speed reducers.
Shaft A is the input shaft. Optimum performance based on max. 1400 rpm input.
Provides on average 10,000 hours trouble-free life.
Where ratio geared units are used as speed increasers the optimum input speed is 750 rpm for 1:2 ratios.
Very low operating noise levels. Temperature range is -20° to +80°.
Max. radial loading :41 Kg.
Max. axial loading: 20 Kg.
Angular alignment: 15' to 30' of arc.

Tips
See technical pages for gear box selection guide,
based on motor rating, gearing ratio, load type and expected hourly usage hours.

Order No.	Shaft dia. tol. f7	Type	Ratio	Input shaft A kW max.	Output shaft B Nm max.	Weight kg
R2306.1-1	15	1	1:1	1.29	8.8	1.2
R2306.2-1	15	2	1:1	1.29	8.8	1.2
R2306.1-2	15	1	2:1	0.66	4.5	1.2
R2306.2-2	15	2	2:1	0.66	4.5	1.2



R2308

Material
Lightweight aluminium alloy housing.
Case-hardened steel gears and shafts.

Technical Notes
Normally used as speed reducers.
Shaft A is the input shaft. Optimum performance based on max. 1400 rpm input.
Provides on average 10,000 hours trouble-free life.
Where ratio geared units are used as speed increasers the optimum input speed is 750 rpm for 1:2 ratios.
Very low operating noise levels. Temperature range is -20° to +80°.
Max. radial loading :76 Kg.
Max. axial loading: 43 Kg.
Angular alignment: 15‘ to 30‘ of arc.

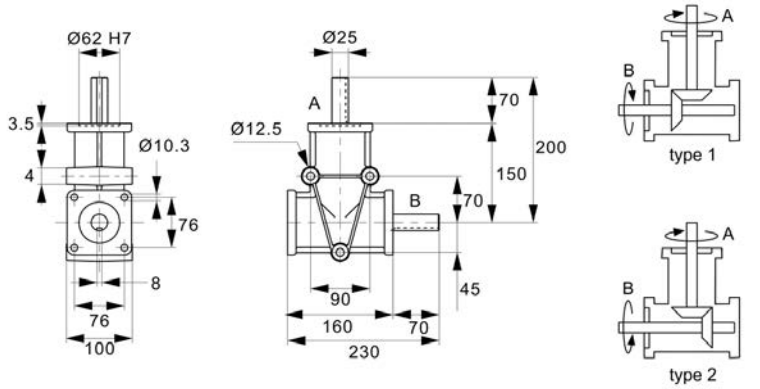
Tips
See technical pages for gear box selection guide,
based on motor rating, gearing ratio, load type and expected hourly usage hours..

Order No.	Shaft dia. tol. f7	Type	Ratio	Input shaft A kW max.	Output shaft B Nm max.	Weight kg
R2308.1-1	20	1	1:1	3.99	27.2	3.5
R2308.2-1	20	2	1:1	3.99	27.2	3.5
R2308.1-2	20	1	2:1	2.35	16.0	3.5
R2308.2-2	20	2	2:1	1.50	16.0	3.5

Right Angle Drives - 2 Shafts

Ø25 shafts

R2312



Material

Lightweight aluminium alloy housing.
Case-hardened steel gears and shafts.

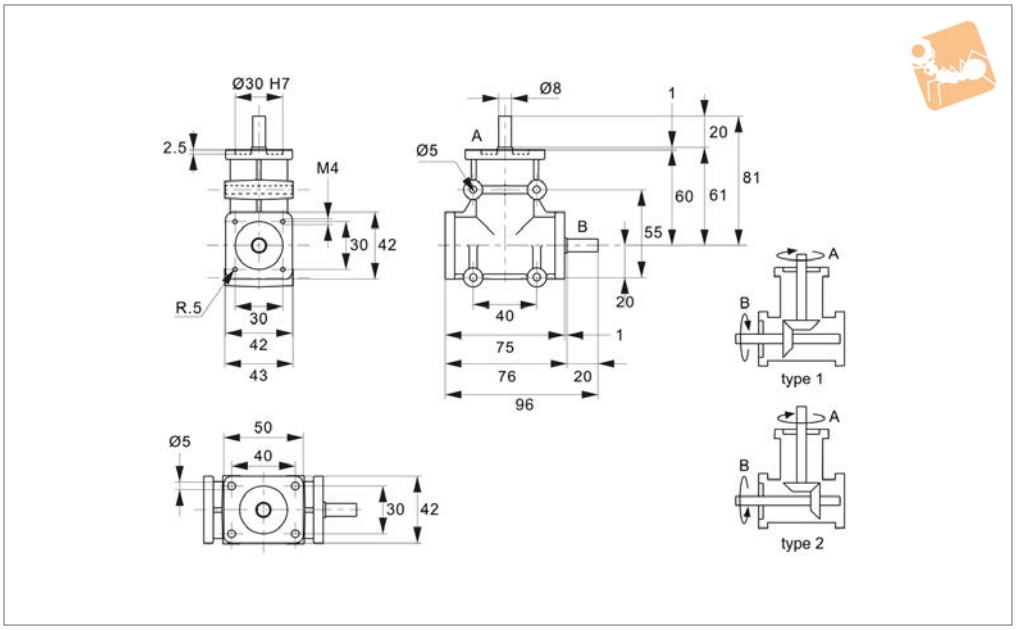
Technical Notes

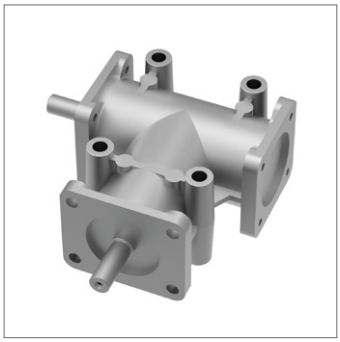
Normally used as speed reducers.
Shaft A is the input shaft. Optimum performance based on max. 1400 rpm input.
Provides on average 10,000 hours trouble-free life.
Where ratio geared units are used as speed increasers the optimum input speed is 750 rpm for 1:2 ratios.
Very low operating noise levels. Temperature range is -20° to +80°.
Max. radial loading :88 Kg.
Max. axial loading: 49 Kg.
Angular alignment: 15' to 30' of arc.

Tips

See technical pages for gear box selection guide,
based on motor rating, gearing ratio, load type and expected hourly usage hours.

Order No.	Shaft dia. tol. f7	Type	Ratio	Input shaft A kW max.	Output shaft B Nm max.	Weight kg
R2312.1-1	25	1	1:1	6.50	44.0	5.8
R2312.2-1	25	2	1:1	6.50	44.0	5.8
R2312.1-2	25	1	2:1	3.67	25.0	5.8
R2312.2-2	25	2	2:1	3.67	25.0	5.8





R2320

Material
Lightweight aluminium alloy housing.
Case-hardened steel gears and shafts.

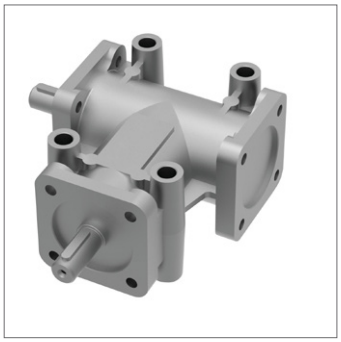
Technical Notes
Normally used as speed reducers.
Shaft A is the input shaft. Optimum performance based on max. 1400 rpm input.
Provides on average 10,000 hours trouble-free life.
Where ratio geared units are used as speed increasers the optimum input speed is 750 rpm for 1:2 ratios.
Very low operating noise levels. Temperature range is -20° to +80°.
Max. radial loading :10 Kg.
Max. axial loading: 2 Kg.
Angular alignment: 15‘ to 30‘ of arc.

Tips
See technical pages for gear box selection guide,
based on motor rating, gearing ratio, load type and expected hourly usage hours.

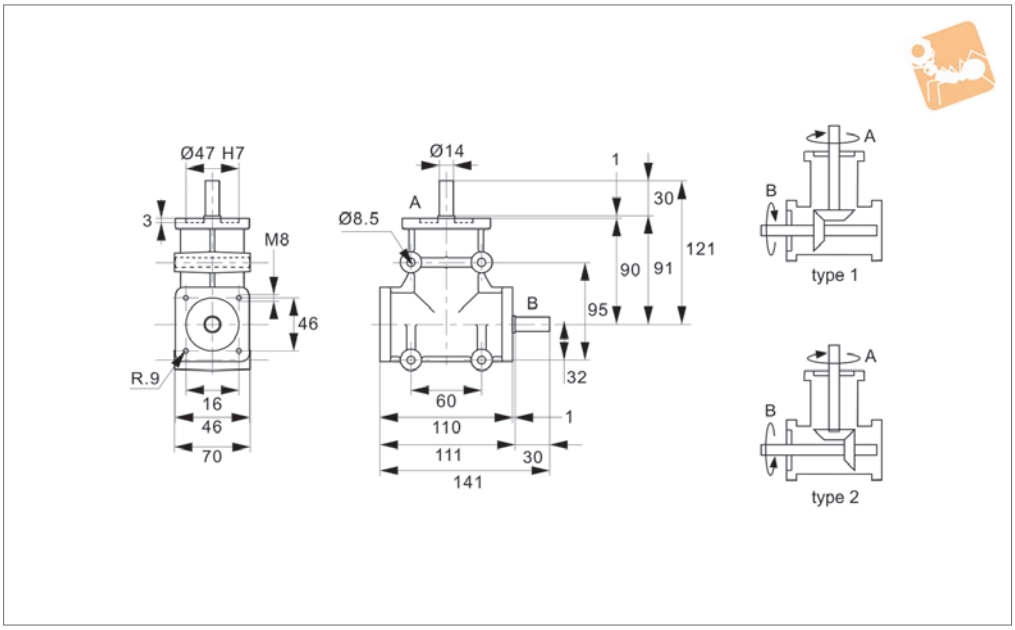
Order No.	Shaft dia. tol. f7	Type	Ratio	Input shaft A kW max.	Output shaft B Nm max.	Weight kg
R2320.1-1	8	1	1:1	0.44	3.00	0.5
R2320.2-1	8	2	1:1	0.44	3.0	0.5
R2320.1-2	8	1	2:1	0.32	2.2	0.5
R2320.2-2	8	2	2:1	0.32	2.2	0.5

Right Angle Drives - 2 Shafts

Ø14 shafts



R2322



Material

Lightweight aluminium alloy housing.
Case-hardened steel gears and shafts.

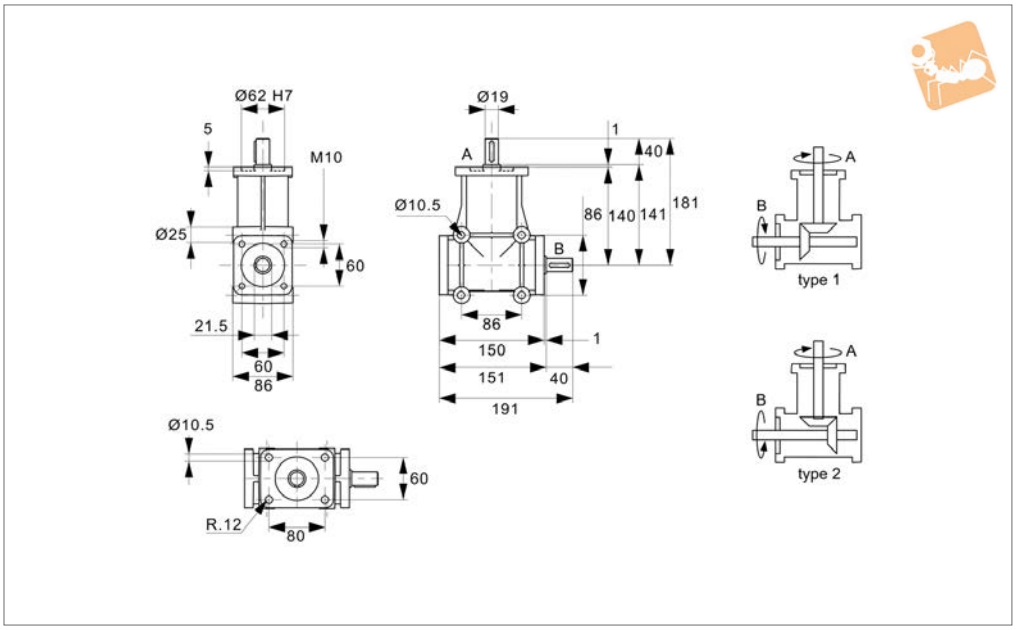
Technical Notes

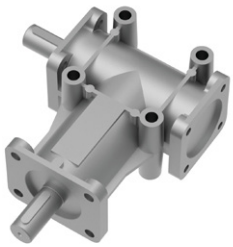
Normally used as speed reducers.
Shaft A is the input shaft. Optimum performance based on max. 1400 rpm input.
Provides on average 10,000 hours trouble-free life.
Where ratio geared units are used as speed increasers the optimum input speed is 750 rpm for 1:2 ratios.
Very low operating noise levels. Temperature range is -20° to +80°.
Max. radial loading :25 Kg.
Max. axial loading: 5 Kg.
Angular alignment: 15' to 30' of arc.

Tips

See technical pages for gear box selection guide,
based on motor rating, gearing ratio, load type and expected hourly usage hours.

Order No.	Shaft dia. tol. f7	Type	Ratio	Input shaft A kW max.	Output shaft B Nm max.	Weight kg
R2322.1-1	14	1	1:1	1.91	13.0	2.0
R2322.2-1	14	2	1:1	1.91	13.0	2.0
R2322.1-2	14	1	2:1	1.47	10.0	2.0
R2322.2-2	14	2	2:1	1.47	10.0	2.0
R2322.1-3	14	1	3:1	0.99	9.5	2.0
R2322.2-3	14	2	3:1	0.99	9.5	2.0





R2330

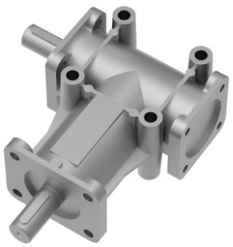
Material
Lightweight aluminium alloy housing.
Case-hardened steel gears and shafts.

Technical Notes
Normally used as speed reducers.
Shaft A is the input shaft. Optimum performance based on max. 1400 rpm input.
Provides on average 10,000 hours trouble-free life.
Where ratio geared units are used as speed increasers the optimum input speed is 750 rpm for 1:2 ratios.
Very low operating noise levels. Temperature range is -20°C to +80°C.

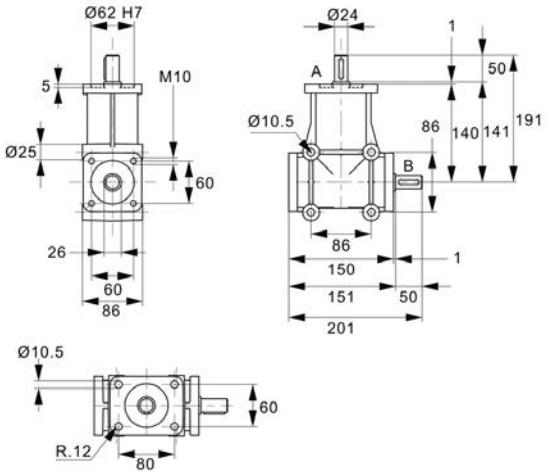
Tips
See technical pages for gear box selection guide,
based on motor rating, gearing ratio, load type and expected hourly usage hours.

Order No.	Shaft dia. tol. f7	Type	Ratio	Input shaft A kW max.	Output shaft B Nm max.	Weight kg
R2330.1-1	19	1	1:1	5.57	38.0	4.40
R2330.2-1	19	2	1:1	5.57	38.0	4.40
R2330.1-2	19	1	2:1	3.23	22.0	4.40
R2330.2-2	19	2	2:1	3.23	22.0	4.40
R2330.1-3	19	1	3:1	1.57	16.0	4.40
R2330.2-3	19	2	3:1	1.57	16.0	4.40

Right Angle Drives - 2 Shafts
Ø24 shafts



R2333

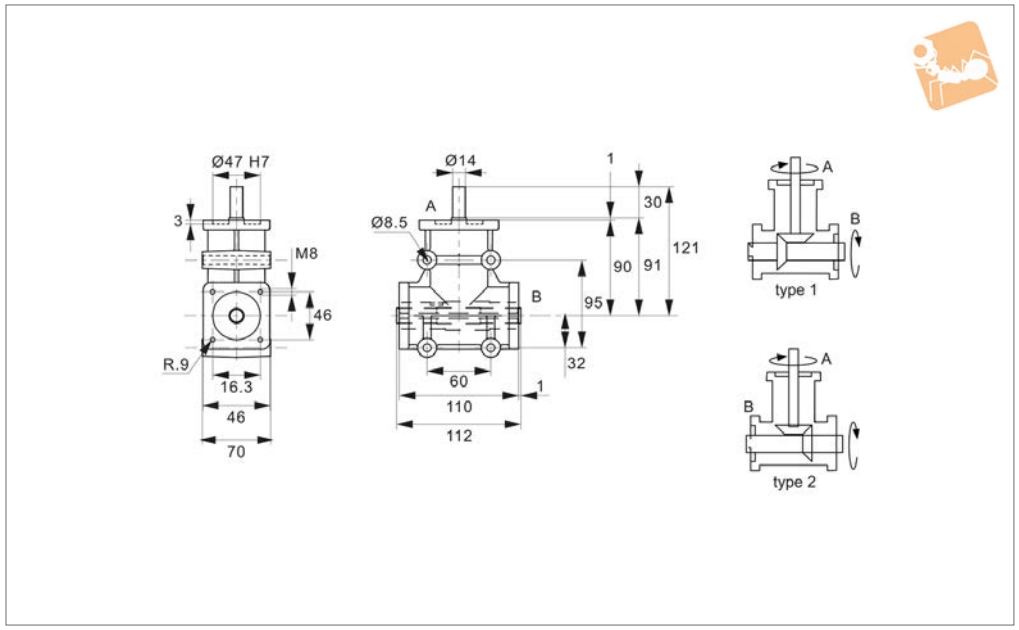


Material
Lightweight aluminium alloy housing.
Case-hardened steel gears and shafts.

Technical Notes
Normally used as speed reducers.
Shaft A is the input shaft. Optimum performance based on max. 1400 rpm input.
Provides on average 10,000 hours trouble-free life.
Where ratio geared units are used as speed increasers the optimum input speed is 750 rpm for 1:2 ratios.
Very low operating noise levels. Temperature range is -20° to +80°.
Max. radial loading :80 Kg.
Max. axial loading: 16 Kg.
Angular alignment: 15' to 30' of arc.

Tips
See technical pages for gear box selection guide,
based on motor rating, gearing ratio, load type and expected hourly usage hours.

Order No.	Shaft dia. tol. f7	Type	Ratio	Input shaft A kW max.	Output shaft B Nm max.	Weight kg
R2333.1-1	24	1	1:1	6.7	50.0	4.40
R2333.2-1	24	2	1:1	6.7	50.0	4.40
R2333.1-2	24	1	2:1	4.1	28.0	4.40
R2333.2-2	24	2	2:1	4.1	28.0	4.40
R2333.1-3	24	1	3:1	2.2	21.0	4.40
R2333.2-3	24	2	3:1	2.2	21.0	4.40



R2336

Material
Lightweight aluminium alloy housing.
Case-hardened steel gears and shafts.

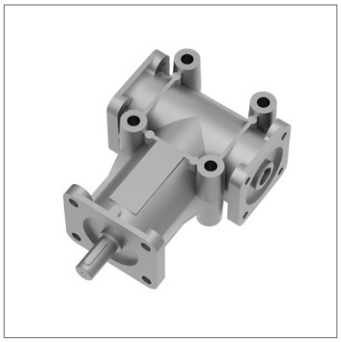
Technical Notes
Normally used as speed reducers.
Shaft A is the input shaft. Optimum performance based on max. 1400 rpm input.
Provides on average 10,000 hours trouble-free life.
Where ratio geared units are used as speed increasers the optimum input speed is 750 rpm for 1:2 ratios.
Very low operating noise levels. Temperature range is -20° to +80°.
Max. radial loading :25 Kg.
Max. axial loading: 5 Kg.
Angular alignment: 15‘ to 30‘ of arc.

Tips
See technical pages for gear box selection guide,
based on motor rating, gearing ratio, load type and expected hourly usage hours.

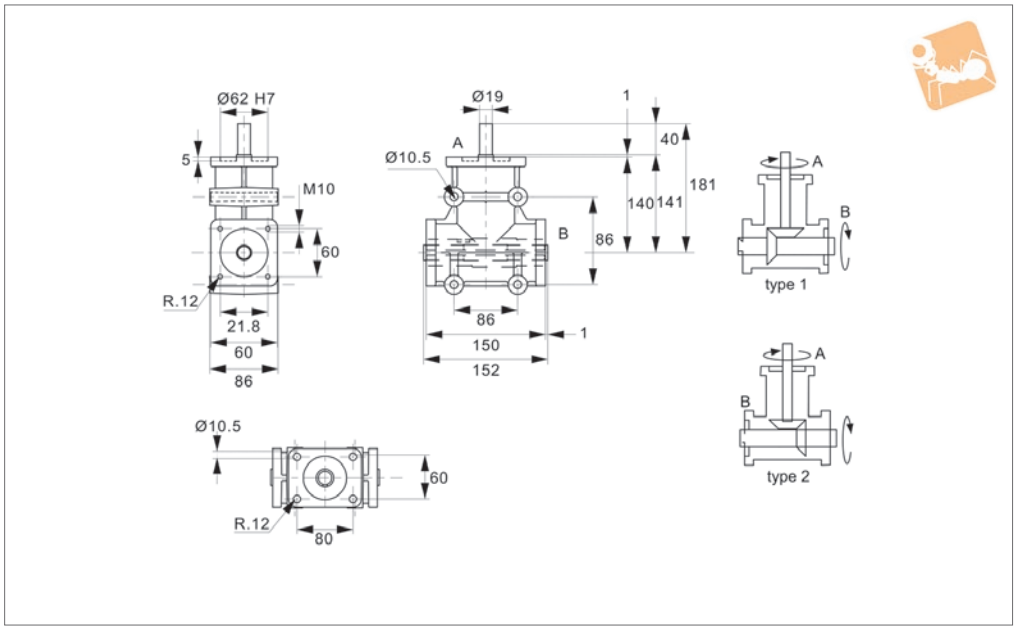
Order No.	Shaft dia. tol. f7	Type	Ratio	Input shaft A kW max.	Output shaft B Nm max.	Weight kg
R2336.1-1	14	1	1:1	2.49	17.0	2.0
R2336.2-1	14	2	1:1	2.49	17.0	2.0
R2336.1-2	14	1	2:1	2.05	14.0	2.0
R2336.2-2	14	2	2:1	2.05	14.0	2.0
R2336.1-3	14	1	3:1	0.63	6.0	2.0
R2336.2-3	14	2	3:1	0.63	6.0	2.0

Right Angle Drives - Hollow 2 Shafts

Ø19 shafts



R2338



Material

Lightweight aluminium alloy housing.
Case-hardened steel gears and shafts.

Technical Notes

Normally used as speed reducers.
Shaft A is the input shaft. Optimum performance based on max. 1400 rpm input.
Provides on average 10,000 hours trouble-free life.
Where ratio geared units are used as speed increasers the optimum input speed is 750 rpm for 1:2 ratios.
Very low operating noise levels. Temperature range is -20° to +80°.
Max. radial loading :40 Kg.
Max. axial loading: 8 Kg.
Angular alignment: 15' to 30' of arc.

Tips

See technical pages for gear box selection guide,
based on motor rating, gearing ratio, load type and expected hourly usage hours.

Order No.	Shaft dia. tol. f7	Type	Ratio	Input shaft A kW max.	Output shaft B Nm max.	Weight kg
R2338.1-1	19	1	1:1	5.57	38.0	4.8
R2338.2-1	19	2	1:1	5.57	38.0	4.8
R2338.1-2	19	1	2:1	3.23	22.0	4.8
R2338.2-2	19	2	2:1	3.23	22.0	4.8
R2338.1-3	19	1	3:1	1.68	16.0	4.8
R2338.2-3	19	2	3:1	1.68	16.0	4.8