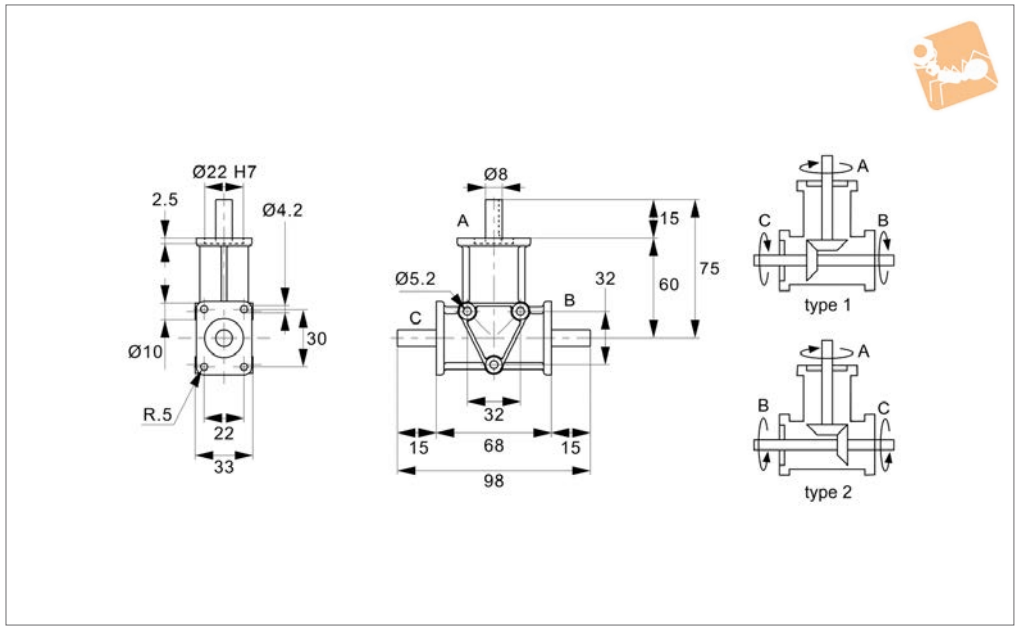


R2302

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

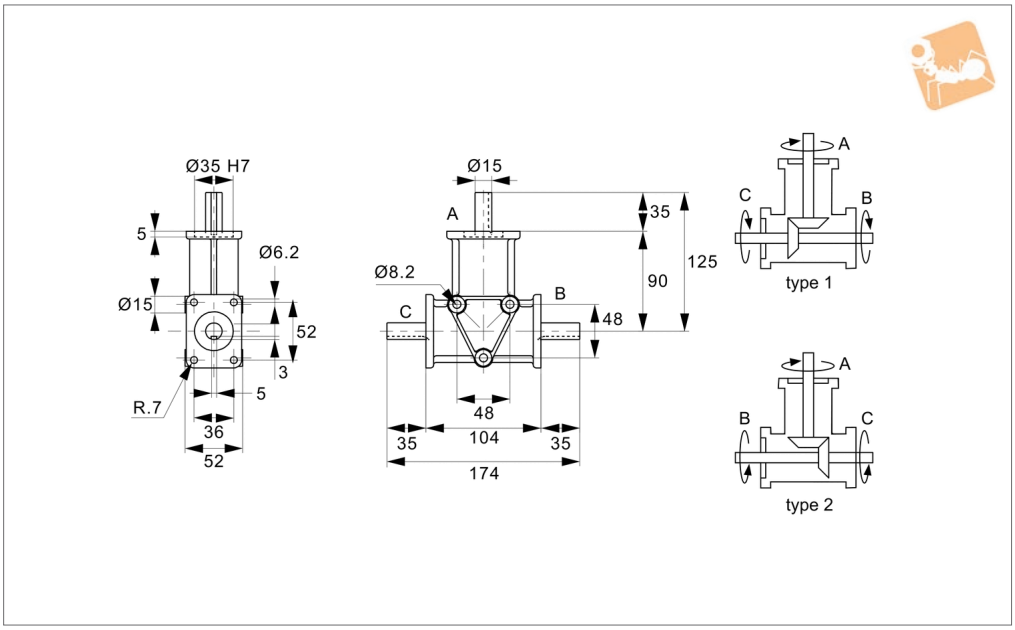
Technical Notes
Normally used as speed reducers.
Shaft A is the input shaft. Optimum performance is based on max. 1400 rpm input. Provides on average 10,000 hours trouble-free life. Very low operating noise levels. May also be used as speed increasers (here the max. shaft input speed for a 1:2 ratio 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	Ratio	Input shaft A kW max.	Output shaft B Nm max.	Output shaft C Nm max.	Weight kg
R2302.1	8	1:1	0.35	1.2	1.2	0.3
R2302.2	8	2:1	0.18	0.6	0.6	0.3

Right Angle Drives - 3 Shafts
Ø15 shafts

R2307

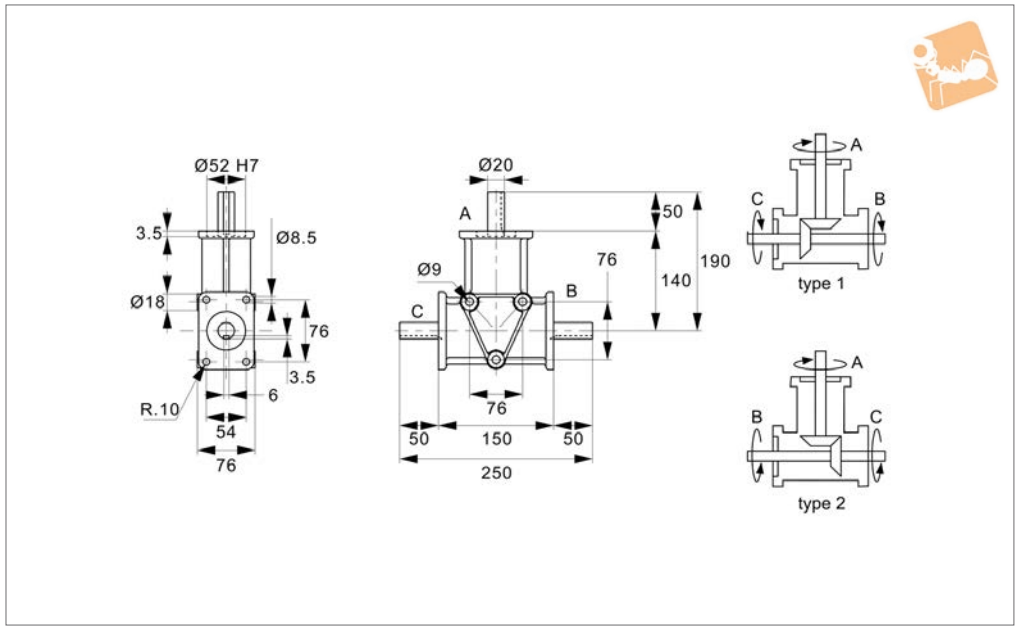


Material
Lightweight aluminium alloy housing.
Case-hardened steel gears and shafts.

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	Ratio	Input shaft A kW max.	Output shaft B Nm max.	Output shaft C Nm max.	Weight kg
R2307.1	15	1:1	1.29	4.4	4.4	1.2
R2307.2	15	2:1	0.66	2.25	2.25	1.2



R2310

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

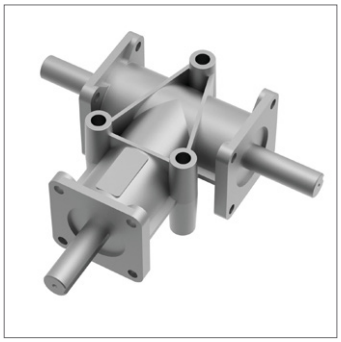
Technical Notes
Normally used as speed reducers.
Shaft A is the input shaft. Optimum performance based on max. 1400 rpm input.
Provides on average 10,000 hours trouble-free life.
Where ratio geared units are used as speed increasers the optimum input speed is 750 rpm for 1:2 ratios.
Very low operating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

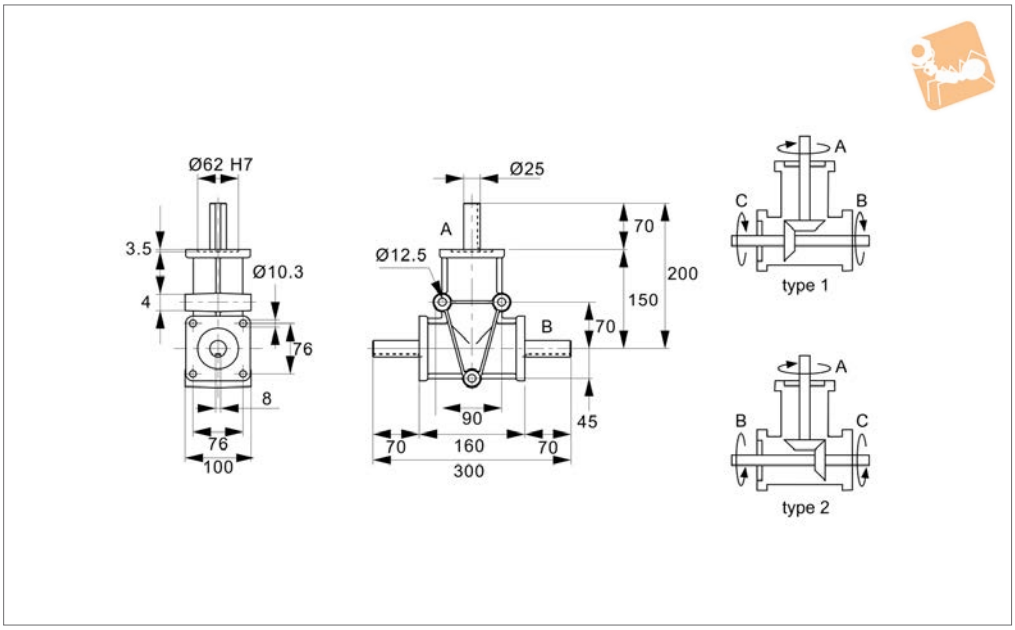
Order No.	Shaft dia. tol. f7	Ratio	Input shaft A kW max.	Output shaft B Nm max.	Output shaft C Nm max.	Weight kg
R2310.1	20	1:1	4.00	13.6	13.6	3.5
R2310.2	20	2:1	2.35	8.0	8.0	3.5

Right Angle Drives - 3 Shafts

Ø25 shafts



R2314



Material

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

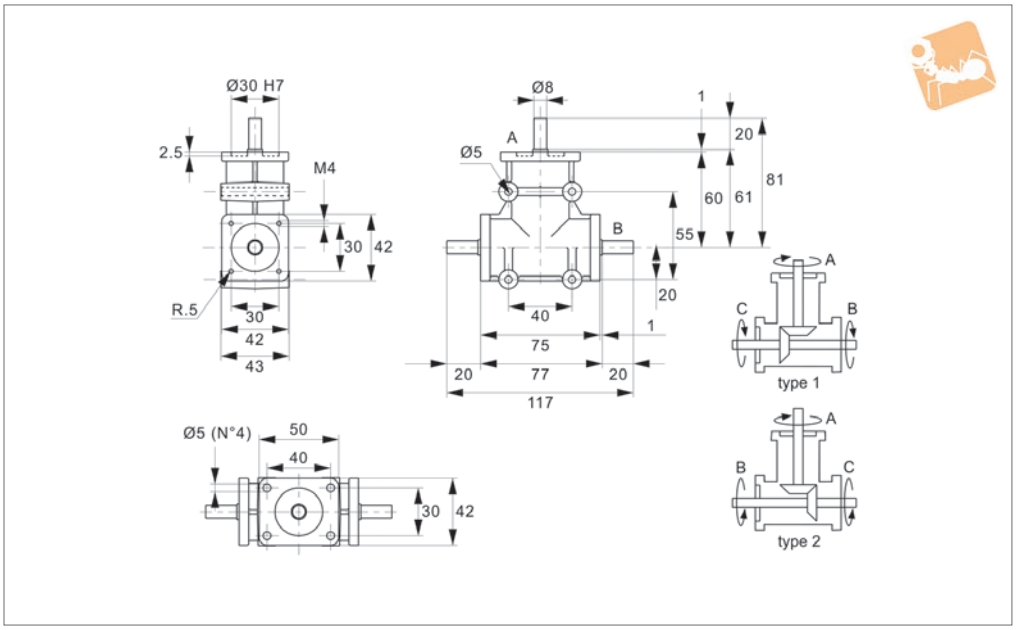
Technical Notes

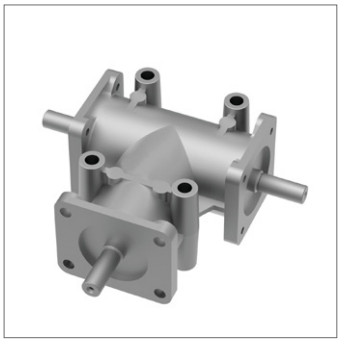
Normally used as speed reducers.
Shaft A is the input shaft. Optimum performance based on max. 1400 rpm input.
Provides on average 10,000 hours trouble-free life.
Where ratio geared units are used as speed increasers the optimum input speed is 750 rpm for 1:2 ratios.
Very low operating noise levels. 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	Ratio	Input shaft A kW max.	Output shaft B Nm max.	Output shaft C Nm max.	Weight kg
R2314.1	25	1:1	6.50	22.0	22.0	5.8
R2314.2	25	2:1	3.67	12.5	12.5	5.8





R2321

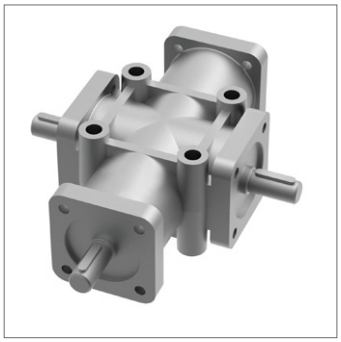
Material
Lightweight aluminium alloy housing.
Case-hardened steel gears and shafts.

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.

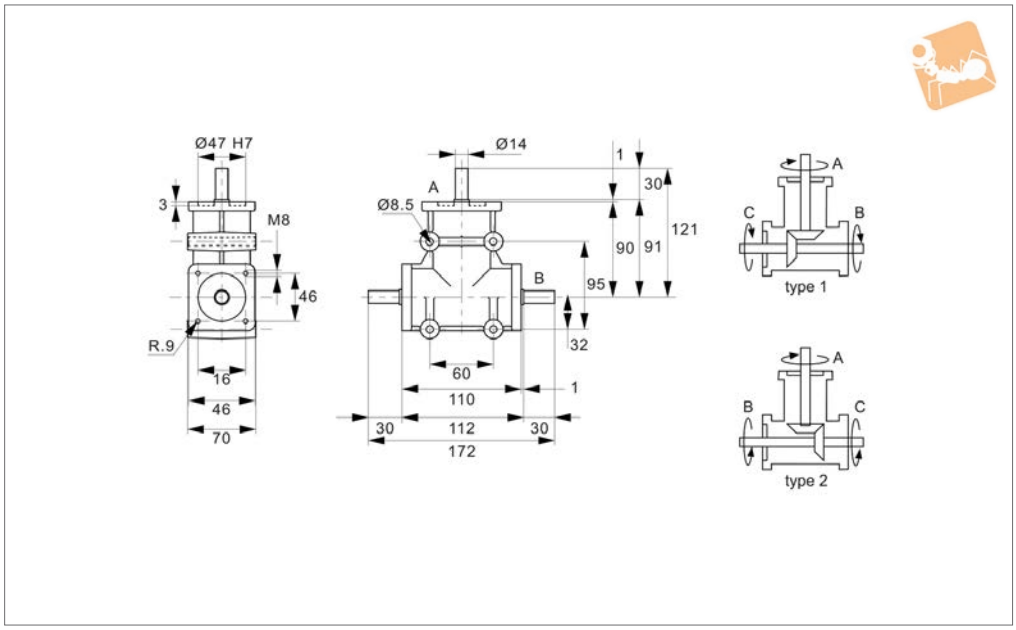
Tips
See technical pages for gear box selection guide,
based on motor rating, gearing ratio, load type and expected hourly usage hours.

Order No.	Shaft dia. tol. f7	Ratio	Input shaft A kW max.	Output shaft B Nm max.	Output shaft C Nm max.	Weight kg
R2321.1	8	1:1	0.44	1.5	1.5	0.50
R2321.2	8	2:1	0.32	1.1	1.1	0.50

Right Angle Drives - 3 Shafts
Ø14 shafts



R2325

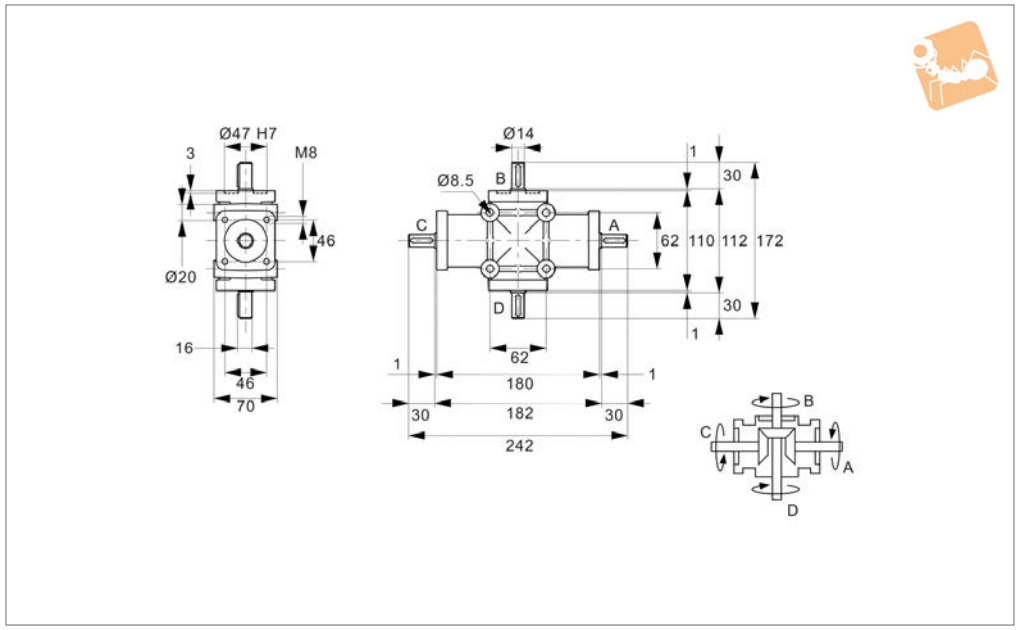


Material
Lightweight aluminium alloy housing.
Case-hardened steel gears and shafts.

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	Ratio	Input shaft A kW max.	Output shaft B Nm max.	Output shaft C Nm max.	Weight kg
R2325.1	14	1:1	1.91	6.50	6.50	2.0
R2325.2	14	2:1	1.47	5.00	5.00	2.0
R2325.3	14	3:1	0.99	4.75	4.75	2.0



R2328

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

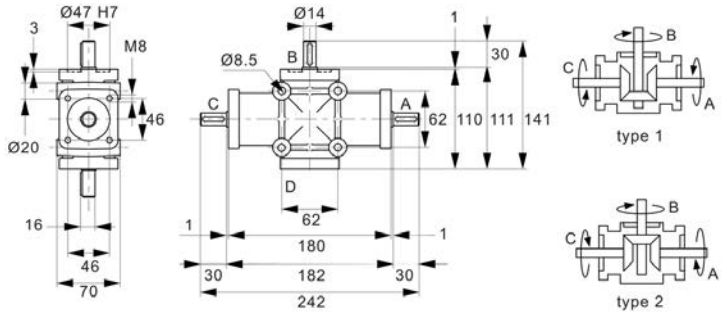
Technical Notes
Normally used as speed reducers.
Shaft A is the input shaft. Optimum performance based on max. 1400 rpm input.
Provides on average 10,000 hours trouble-free life.
Where ratio geared units are used as speed increasers the optimum input speed is 750 rpm for 1:2 ratios.
Very low operating 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.	Gear ratio	Drive type	Input power at 1400 rpm (Shaft A) kW max.	Torque output (Shaft B) Nm max.	Torque output (Shaft C) Nm max.	Torque output (Shaft D) Nm max.	Weight kg
R2328.101	14	1:1	1 and 2	1,91	4,5	4,5	4,5	3,25
R2328.102	14	2:1	1 and 2	1,47	3,3	3,3	3,3	3,25
R2328.103	14	3:1	1 and 2	0,73	2,3	2,3	2,3	3,25

Right Angle Drives - 3 Shafts
Ø14 shafts

R2329



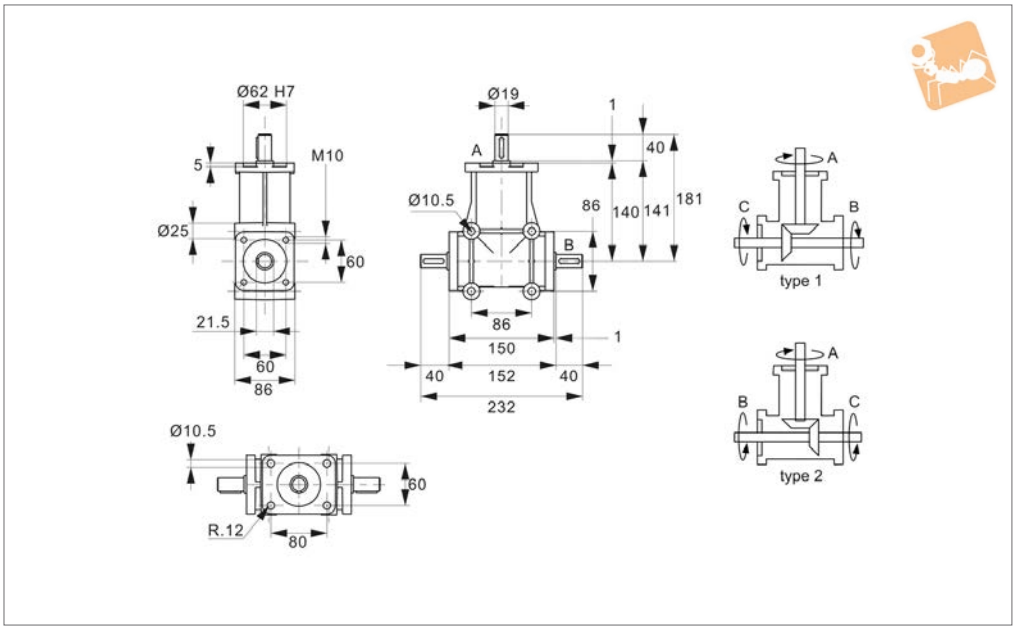
Material
Lightweight aluminium alloy housing.
Case-hardened steel gears and shafts.

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	Ratio	Input shaft A kW max.	Output shaft B Nm max.	Output shaft C Nm max.	Weight kg
R2329.1-1	14	1:1	1.91	6.5	6.5	3.25
R2329.2-2	14	2:1	1.47	5.0	5.0	3.25
R2329.1-3	14	3:1	0.73	3.5	3.5	3.25
R2329.2-1	14	1:1	1.91	6.5	6.5	3.25
R2329.1-2	14	2:1	1.47	5.0	5.0	3.25
R2329.2-3	14	3:1	0.73	3.5	3.5	3.25



R2332

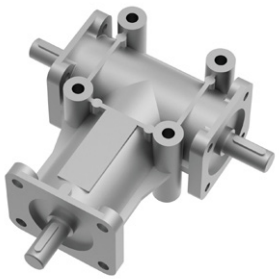
Material
Lightweight aluminium alloy housing.
Case-hardened steel gears and shafts.

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.

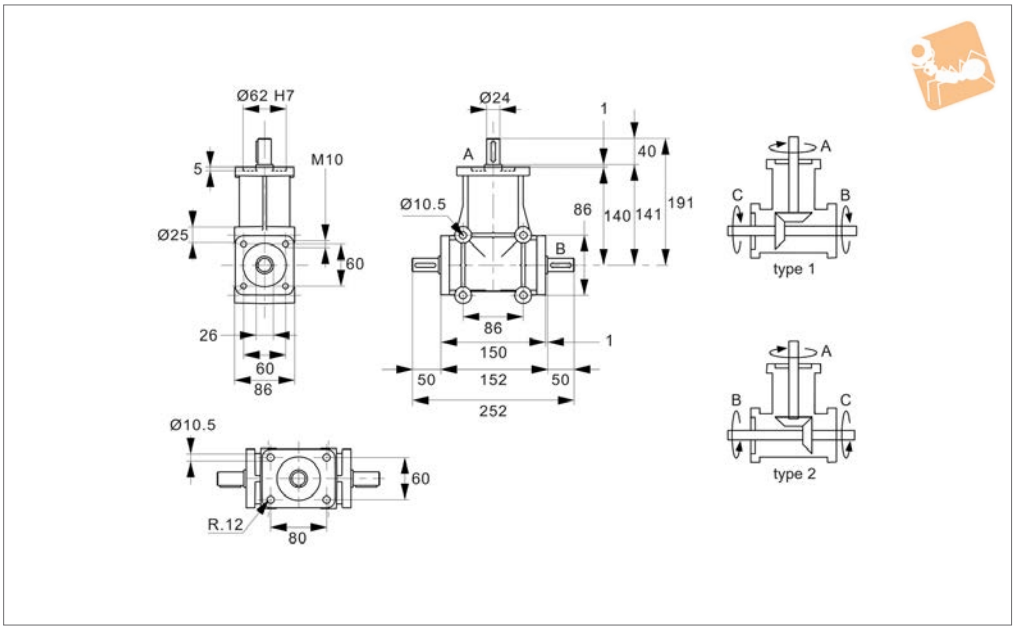
Tips
See technical pages for gear box selection guide,
based on motor rating, gearing ratio, load type and expected hourly usage hours.

Order No.	Shaft dia. tol. f7	Ratio	Input shaft A kW max.	Output shaft B Nm max.	Output shaft C Nm max.	Weight kg
R2332.1	19	1:1	5.57	19.0	19.0	4.40
R2332.2	19	2:1	3.23	11.0	11.0	4.40
R2332.3	19	3:1	1.57	7.5	7.5	4.40

Right Angle Drives - 3 Shafts
Ø24 shafts



R2334

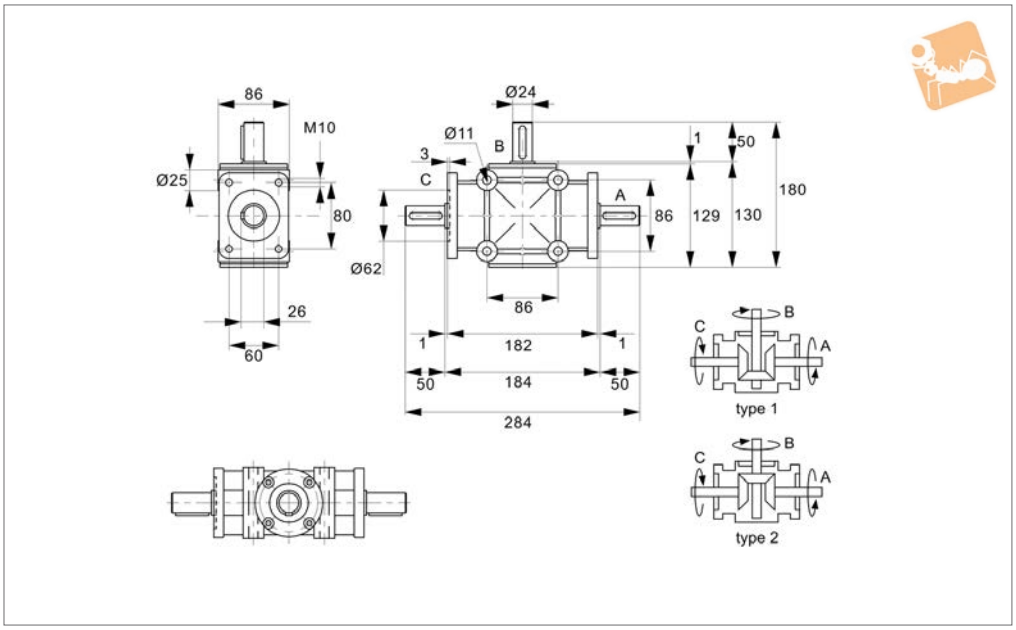


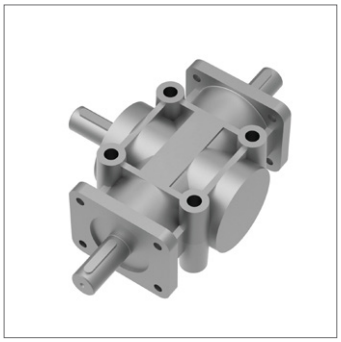
Material
Lightweight aluminium alloy housing.
Case-hardened steel gears and shafts.

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	Ratio	Input shaft A kW max.	Output shaft B Nm max.	Output shaft C Nm max.	Weight kg
R2334.1	24	1:1	6.7	25.0	25.0	4.40
R2334.2	24	2:1	4.1	14.0	14.0	4.40
R2334.3	24	3:1	2.2	10.5	10.5	4.40





R2340

RIGHT ANGLE GEAR BOXES

Material
Lightweight aluminium alloy housing.
Case-hardened steel gears and shafts.
Shafts are key-wayed.

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 :50 Kg.
Max. axial loading: 10 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	Ratio	Input shaft A kW max.	Output shaft B Nm max.	Output shaft C Nm max.	Weight kg
R2340.1	24	1:1	4.4	15.0	15.0	5.25
R2340.2	24	2:1	2.05	14.0	14.0	5.25
R2340.3	24	3:1	0.92	11.0	11.0	5.25