

Angle Nutrunners

Clecomatic Clutch

Cleco®

14 Series

Torque Range:
0.5 – 11 Nm
4.0 – 100 In. Lbs

Screw Size:
M3.5 – M6
#8 – 1/4"

- External torque adjustment
- Lever start
- Sliding knob reverse



Model Number		Bolt Size		Free Speed	Torque Range*		Length		Weight		Head Height		Side to Center	
		Gr.5	Gr.9.8											
1/4" Square Drive	3/8" Square Drive	in.	mm	RPM	in.-lbs.	Nm	in.	mm	lbs.	kg	in.	mm	in.	mm

Lever Start - Reversible – Clecomatic Clutch

14RAA02AM2		#8	M3.5	2400	4 - 19	.5 - 2.1	11.68	297	1.7	0.77	1.06	27	0.36	9
14RAA02AH2	14RAA02AH3	#8	M3.5	2100	4 - 21	.5 - 2.4	12.11	308	1.8	0.82	1.19	30	0.50	13
14RAA03AL2		#8	M3.5	570	4 - 25	.5 - 2.8	12.04	306	1.8	0.82	0.94	24	0.31	8
14RAA03AM2		#8	M3.5	1650	4 - 27	.5 - 3.0	11.88	302	1.8	0.82	1.06	27	0.36	9
14RAA03AH2	14RAA03AH3	#10	M4	1450	4 - 30	.5 - 3.4	12.31	313	1.9	0.86	1.19	30	0.50	13
14RAA04AM2		#10	M4	950	4 - 43	.5 - 4.8	11.68	297	1.7	0.77	1.06	27	0.36	9
14RAA05AM2		#10	M4	570	4 - 50	.5 - 5.7	12.08	307	1.8	0.82	1.06	27	0.36	9
14RAA06AH2*	14RAA06AH3	#10	M4	850	4 - 53	.5 - 6.0	12.11	308	1.8	0.82	1.19	30	0.50	13
14RAA07AH2*	14RAA07AH3	#10	M5	500	4 - 60	.5 - 6.8	12.51	318	1.9	0.86	1.19	30	0.50	13
14RAA09AH2*	14RAA09AH3	1/4	M5	500	10 - 75	1.1 - 8.5	13.39	340	2.1	0.95	1.19	30	0.50	13
14RAA11AH2*	14RAA11AH3	1/4	M6	340	10 - 100	1.1 - 11	13.59	345	2.2	1.00	1.19	30	0.50	13
14RAA12AH2*	14RAA12AH3	1/4	M6	200	10 - 100	1.1 - 11	13.39	340	2.1	0.95	1.19	30	0.50	13

*AH2 head max torque 50 in. lbs.

GENERAL:

Air Inlet: 1/8" NPT
Minimum Hose Size: 3/16"
Tool performance rated at 90 psi
(620kPa) air pressure.

STANDARD EQUIPMENT:

Operating instructions & service manual.
Suspension bail.
All torque springs required to meet
indicated torque specification.

OPTIONAL EQUIPMENT:

Non-Reverse Kit: 207030
Torque Signal Kit: 301106
(Clecomatic clutch only)

Overhose: 207019


Quick Change and 1/4" magnetic hex
outputs available on AH3 models only.
Quick Change: Change AH3 to AHQ
1/4" Magnetic Hex: Change AH3 to AHM
Additional accessories: Page 57

Cleco®

24, 34 Series

Torque Range:
4.0 – 75 Nm
3.0 – 55 Ft. Lbs.

Bolt Size:
M4 – M10
#10 – 7/16"

- External torque adjustment
- 3/8" and 1/2" square drive
- Indexable anglehead
- One torque spring to meet specified range
- Oilless blades 



Model Number		Bolt Size		Free Speed	Torque Range*		Length		Weight		Head Height		Side to Center	
		Gr.5	Gr.9.8											
3/8" Square Drive	1/2" Square Drive	in.	mm	RPM	ft.-lbs.	Nm	in.	mm	lbs.	kg	in.	mm	in.	mm
24 Series Lever Start – Reversible														
	24RAA06AL3	#10	M4	2200	3-4	4-5.5	14.1	358	2.6	1.2	1.08	27.5	.47	12.0
	24RAA07AL3	#10	M5	1770	3-5	5-7	14.1	358	2.6	1.2	1.08	27.5	.47	12.0
	24RAA11AL3	1/4	M6	1260	5-8	7-11	14.1	358	2.6	1.2	1.08	27.5	.47	12.0
	24RAA12AM3	1/4	M6	1200	5-9	6-12	14.2	360	2.8	1.3	1.16	29.5	.52	13.2
	24RAA19AM3	5/16	M6	700	7-14	10-19	15.0	380	3.2	1.4	1.16	29.5	.52	13.2
	24RAA23AM3	5/16	M6	600	9-17	12-23	15.0	380	3.2	1.4	1.16	29.5	.52	13.2
34 Series Lever Start – Reversible														
	34RAA08AL3	1/4	M5	2060	4-6	8-5	14.5	368	2.7	1.2	1.08	27.5	.47	12.0
	34RAA11AL3	1/4	M6	1675	5-8	7-11	14.5	368	2.7	1.2	1.08	27.5	.47	12.0
	34RAA15AM3	1/4	M6	1185	7-11	9-15	14.6	370	2.9	1.3	1.16	29.5	.52	13.2
	34RAA26AH3	5/16	M8	710	10-19	13-26	15.4	390	3.2	1.5	1.22	31.0	.57	14.4
	34RAA28AH3	5/16	M8	580	10-20	14-28	15.4	390	3.3	1.5	1.22	31.0	.57	14.4
	34RAA33AX3	3/8	M8	545	12-24	17-33	15.5	393	3.5	1.6	1.36	34.5	.67	17.1
	34RAA37AX3	3/8	M8	480	14-27	18-37	15.6	397	3.4	1.5	1.36	34.5	.67	17.1
	34RAA47AX3	3/8	M8	385	17-35	24-47	15.6	397	3.4	1.5	1.36	34.5	.67	17.1
	34RAA68AZ3	7/16	M10	255	25-50	34-68	16.2	411	3.7	1.7	1.60	41.0	.70	18.0
	34RAA75AZ3	7/16	M10	155	28-55	38-75	17.0	431	3.9	1.8	1.60	41.0	.70	18.0
	34RAA68AZ4	7/16	M10	255	25-50	34-68	16.2	411	3.7	1.7	1.60	41.0	.70	18.0
	34RAA75AZ4	7/16	M10	155	28-55	38-75	17.0	431	3.9	1.8	1.60	41.0	.70	18.0

GENERAL:

Air Inlet: 3/8" NPT
Minimum Hose Size: 5/16"
Tool performance rated at 90 psi (620kPa) air pressure.

STANDARD EQUIPMENT:

Operating instructions & service manual
Suspension bail
Exhaust Overhose
Clutch adjustment tool

OPTIONAL EQUIPMENT:

Assembly wrench: 201898
Torque signal kit: 201900
Non-reversible kit: 204999
Additional accessories: Page 57

Angle Nutrunners

Clecomatic Clutch

Cleco®

45 Series

Torque Range:

28 – 115 Nm
21 – 85 Ft. Lbs.

Bolt Size:

M10 – M12
7/16 – 1/2"

- Button start
- Twist ring and non-reversible
- External torque adjustment



Model Number	Bolt Size		Free Speed	Torque Range		Length		Weight		Head Height		Side to Center		Angle Head
	GR.5	GR. 9.8		ft.-lbs.	Nm	in.	mm	lb	kg	in.	mm	in.	mm	
1/2" Square Drive	in.	mm	RPM											
Clecomatic – Button Start – Twist Ring Reverse														
45RNAB-4T-4	7/16	M10	300	21-42	28-57	17.6	448	6.8	3.1	2.0	50	0.9	22	T
45RNAB-3P-4	7/16	M10	240	26-52	35-71	17.5	445	6.4	2.9	1.6	41	0.7	18	P
45RNAB-3T-4	7/16	M10	200	31-62	42-84	17.6	448	6.8	3.1	2.0	50	0.9	22	T
45RNAB-2P-4	1/2	M12	180	34-71*	46-96*	17.5	445	6.4	2.9	1.6	41	0.7	18	P
45RNAB-2T-4	1/2	M12	150	37-85	50-115	17.6	448	6.8	3.1	2.0	50	0.9	22	T
Clecomatic – Button Start – Non-Reversible														
45NAB-3P-4	7/16	M10	300	28-57	38-77	17.5	445	6.3	2.8	1.6	41	0.7	18	P

* Maximum torque of tool exceeds the maximum torque rating for the head, high maintenance should be expected when operated at the upper torque capacity range.

GENERAL:
Air Inlet: 3/8" NPT
Minimum Hose Size: 3/8"
Tool performance rated at 90 psi (620kPa) air pressure.

STANDARD EQUIPMENT:
Operating instructions & service manual
All torque springs required to meet indicated torque specification

OPTIONAL EQUIPMENT:
Additional accessories: Page 57

Cleco®

55, 75 Series

Torque Range:
32 – 430 Nm
24 – 320 Ft. Lbs.

Bolt Size:
M10 – M16
7/16 – 3/4"

- Lever start
- External torque adjustment
- Rotating exhaust deflector



Model Number		Bolt Size		Free Speed RPM	Torque Range		Length		Weight		Head Height		Side to Center		Angle Head
1/2" Square Drive	3/4" Square Drive	GR. 5 in	GR. 9.8 mm		ft.-lbs.	Nm	in.	mm	lbs.	kg	in.	mm	in.	mm	

Lever Start – Twist Ring Reverse

55RNAL-6T-4		7/16	M10	370	24-48	32-65	19.3	489	7.8	3.5	2.0	50	0.9	22	T
55RNAL-4P-4		7/16	M10	330	26-54	35-73	19.1	486	7.4	3.3	1.6	41	0.7	18	P
55RNAL-4T-4		1/2	M10	280	29-64	39-87	19.3	489	7.8	3.5	2.0	50	0.9	22	T
55RNAL-3P-4		1/2	M12	220	36-80*	49-109*	19.1	486	7.4	3.3	1.6	41	0.7	18	P
55RNAL-3T-4		9/16	M12	190	43-95	58-129	19.3	489	7.8	3.5	2.0	50	0.9	22	T
55RNAL-2T-4		5/8	M14	140	60-125*	81-170*	19.3	489	7.8	3.5	2.0	50	0.9	22	T
75RNAL-3V-4		5/8	M14	175	70-140	95-190	21.9	556	13.3	6.0	2.5	64	1.1	28	V
75RNAL-2V-4		5/8	M16	130	90-190*	122-255*	21.9	556	13.3	6.0	2.5	64	1.1	28	V
	75RNAL-3X-6	3/4	M16	110	110-225	150-305	22.6	575	15.0	6.8	2.8	70	1.4	37	X
	75RNAL-2X-6	3/4	M16	80	150-305	203-410	22.6	575	15.0	6.8	2.8	70	1.4	37	X

Lever Start – Non-Reversible

55NAL-4P-4		7/16	M10	480	28-57	28-77	19.1	486	7.3	3.3	1.6	41	72.0	18	P
55NAL-4T-4		1/2	M12	400	33-69	39-93	19.3	489	7.6	3.5	2.0	50	0.9	22	T
55NAL-3P-4		1/2	M12	320	39-84*	49-114*	19.1	486	7.3	3.3	1.6	41	72.0	18	P
55NAL-3T-4		9/16	M12	270	45-100	58-136	19.3	489	7.6	3.5	2.0	50	0.9	22	T
55NAL-2T-4		5/8	M14	200	55-130*	68-176*	19.3	489	7.6	3.5	2.0	50	0.9	22	T
75NAL-2V-4		5/8	M16	210	100-200	135-271	21.9	556	13.0	5.9	2.5	64	1.1	28	V
	75NAL-2X-6	3/4	M16	130	160-320	215-430	22.6	575	14.8	6.7	2.8	70	1.4	37	X

* Maximum torque of tool exceeds the maximum torque rating for the head, high maintenance should be expected when operated at the upper torque capacity range.

GENERAL:

Air Inlet: 1/2" NPT
Minimum Hose Size: 1/2"
Tool performance rated at 90 psi (620kPa) air pressure.

STANDARD EQUIPMENT:

Operating instructions & service manual
Torque Reaction Mounting Plate (75 series)
All torque springs required to meet indicated torque specification

OPTIONAL EQUIPMENT:

Additional accessories: Page 57

Angle Nutrunners

Stall – Reversible

Cleco®

14, 24, 34, 45, 55, 75 Series

Maximum Torque Range:

3.2 – 440 Nm

2 – 325 Ft. Lbs.

Bolt Size:

M3.5 – M16

#8 – 3/4"

■ Button, lever start

■ Sliding knob, twist ring and button reverse



Model Number	Square Drive in.	Bolt Size		Free Speed RPM	Max. Torque		Length		Weight		Head Height		Side to Center	
		GR.5 in.	GR.9.8 mm		ft.-lbs.	Nm	in.	mm	lbs.	kg	in.	mm	in.	mm

Button Start – Twist Ring Reverse

45RNB-4T-4	1/2	7/16	M10	310	46	62	15.1	384	5.5	2.5	2.0	50	0.9	22
45RNB-3P-4	1/2	7/16	M10	250	58	79	15.0	381	5.1	2.3	1.6	41	0.7	18
45RNB-3T-4	1/2	1/2	M12	210	69	94	15.1	384	5.5	2.5	2.0	50	0.9	22
45RNB-2T-4	1/2	9/16	M12	160	92	125	15.1	384	5.5	2.5	2.0	50	0.9	22

Lever Start - Sliding Knob Reverse

14RAS03AM2	1/4	#8	M3.5	1700	2.3	3.2	11.4	289	1.3	0.6	1.1	27	0.4	9
14RAS04AH2	1/4	#10	M4	1250	2.7*	3.6*	11.2	284	1.4	0.6	1.2	30	0.5	13
14RAS05AM2	1/4	#10	M4	850	3.8	5.2	10.6	268	1.2	0.5	1.1	27	0.4	9
14RAS06AH3	3/8	#10	M4	880	4.6	6.2	11.0	279	1.3	0.6	1.2	30	0.5	13

Lever Start – Twist Ring Reverse

34RAS11AL3	3/8	1/4	M5	1675	8.1	11	12.0	305	2.1	1.0	1.1	28	0.5	12
24RAS13AM3	3/8	1/4	M6	1200	9.6	13	11.7	297	2.2	1.0	1.2	30	0.5	13
34RAS28AH3	3/8	5/16	M8	710	20	28	12.9	328	2.6	1.2	1.2	31	0.6	14
34RAS36AX3	3/8	3/8	M8	545	26	36	13.0	330	2.8	1.3	1.4	35	0.7	17
55RNL-7T-4	1/2	7/16	M10	490	41	56	16.1	410	6.1	2.8	2.0	50	0.9	22
55RNL-3T-4	1/2	9/16	M12	195	100*	136*	16.8	425	6.5	2.9	2.0	50	0.9	22
55RNL-2T-4	1/2	5/8	M14	145	130*	176*	16.8	425	6.5	2.9	2.0	50	0.9	22
75RNL-3V-4	1/2	5/8	M14	190	155	210	19.4	492	11.4	5.2	2.5	64	1.1	28
75RNL-3X-6	3/4	3/4	M16	120	245	330	20.1	511	13.1	6.0	2.8	70	1.4	37
75RNL-2X-6	3/4	3/4	M16	90	325	440	20.1	511	13.1	6.0	2.8	70	1.4	37

* Maximum torque of tool exceeds the maximum torque rating for the head, high maintenance should be expected when operated at the upper torque capacity range.

GENERAL:

Air Inlet: 3/8" NPT (24, 34, 45 series);
1/8" NPT (14 series); 1/2" NPT (55, 75 series)
Minimum Hose: 3/8" (45 series); 3/16" (14 series);
5/16" (24, 34 series); 1/2" (55, 75 series)
Tool performance rated at 90 psi (620kPa)
air pressure.

STANDARD EQUIPMENT:

Operating instructions & service manual
Suspension bail (14 series)
Torque reaction mounting plate (75 series)

OPTIONAL EQUIPMENT:

14 Series: Non-Reverse Kit: 207030
Overhose: 207019
Quick Change and 1/4" magnetic hex
outputs available on AH3 models only.
Quick Change: Change AH3 to AHQ
1/4" Magnetic Hex: Change AH3 to AHM

24/34 Series: Assembly wrench:
Non-reverse kit
Additional accessories: Page 57

201898
204999

Angle Nutrunners

Stall – Non Reversible

Cleco®

55, 75 Series

Maximum Torque Range:

6.2 – 475 Nm

4.6 – 350 Ft. Lbs.

Bolt Size:

M4 – M16

#10 – 3/4"

■ Lever start



Model Number	Square Drive in.	Bolt Size		Free Speed RPM	Max. Torque		Length		Weight		Head Height		Side to Center	
		GR.5 in.	GR.9.8 mm		ft.-lbs.	Nm	in.	mm	lbs.	kg	in.	mm	in.	mm
55NL-3T-4	1/2	9/16	M14	290	110*	149*	16.8	425	6.4	2.9	2.0	50	0.9	22
55NL-2T-4	1/2	5/8	M16	210	150*	203*	16.8	425	6.4	2.9	2.0	50	0.9	22
75NL-3V-4	1/2	5/8	M16	300	165	225	19.4	492	11.1	5.0	2.5	64	1.1	28
75NL-2V-4	1/2	3/4	M16	230	220*	298*	19.4	492	11.1	5.0	2.5	64	1.1	28
75NL-2X-6	3/4	3/4	M16	140	350	475	20.1	511	12.9	5.8	2.8	70	1.4	37

Lever Start

* Maximum torque of tool exceeds the maximum torque rating for the head, high maintenance should be expected when operated at the upper torque capacity range.

GENERAL:
Air Inlet: 1/2" NPT (55, 75 series)

Minimum Hose Size: 1/2" (55, 75 series)
Tool performance rated at 90 psi (620kPa) air pressure.

STANDARD EQUIPMENT:
Operating instructions & service manual
Torque Reaction Mounting Plate (75 series)

OPTIONAL EQUIPMENT:
Additional accessories: Page 57
Safety Lever: 201638