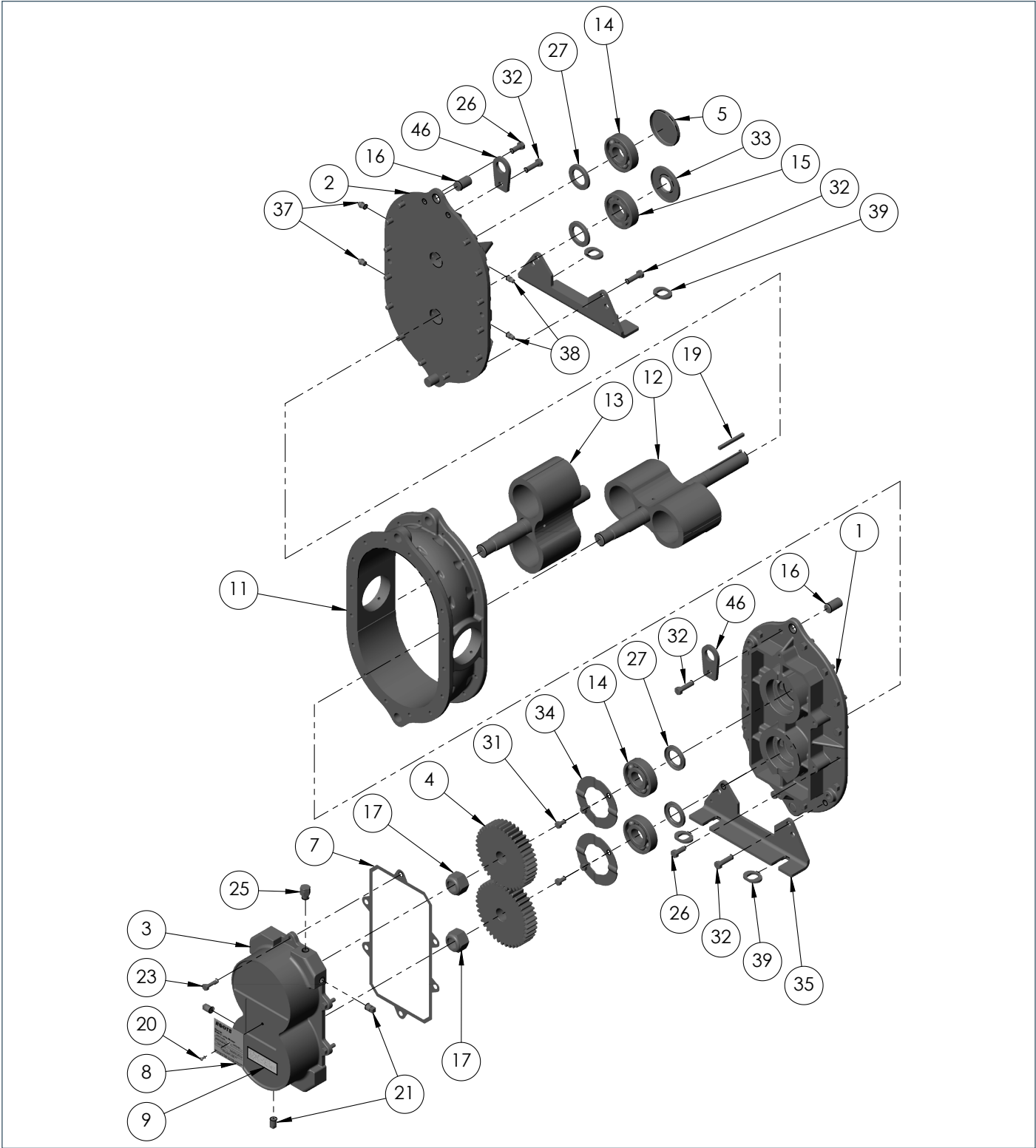


ASSEMBLY DRAWINGS

Standard components shown. Actual component geometry may vary with model.



Assembly of Roots Universal RAI Series, Air Blowers, 2-1/2" through 5" gear diameter

Roots Universal RAI Series gas blowers parts list 2-1/2" gear diameter

Refer to page 21

Item #	Part name	Part number	Qty.
Non Length Parts 2-1/2" URAI			
1	HEADPLATE GEAR END	64899022	1
2	HEADPLATE DRIVE END	64898022	1
3	GEARBOX	65331022	1
4	TIMING GEAR SET	64905021	1
5	BORE PLUG	12957001	1
7	GEARBOX GASKET	62791021	1
8	BLOWER NAMEPLATE	T20034001	1
9	LUBE LABEL	62043020	1
14	BALL BEARING	10987010	3
15	ROLLER BEARING	10222032	1
16	DOWEL PIN	10226001	4
17	HEX NUT	10319022	2
19	KEY,SQ 3/16"X 3/16"X 1-3/4"	10825022	1
20	SCR,SELF-TPNG RNDH 8-32X.25	10815002	1
21	PLG,PIPE 1/4 STL	10008002	3
23	SCR,CAP HEXH 1/4-20X.75	10011003	6
25	PLUG,VENT 1/4"	13005001	1
26	SCR,CAP HEXH 5/16-18X.63	10012001	12
27	LIP SEAL (INBOARD)	10005171	4
31	HEX HEAD SCREW	11540003	4
32	HEX HEAD SCREW	12467009	6
33	LIP SEAL (DRIVE SHAFT)	12091008	1
34	BEARING CLAMP PLATE	65520020	2
35	BLOWER FOOT	64998021	2
37	GREASE FITTING	10007001	2
38	PLUG,VENT 1/8"	13002001	2
39	FLAT WASHER	10181003	4
40	SOCKET HEAD SCREW	10285012	2
42	SOCKET HEAD SCREW	10012010	2
46	LIFTING LUG	64361020	2

Item #	Part name	Part number	Qty.
Length Parts 22 URAI			
Ø11	CYLINDER 22	38990022	1
Ø11	CYLINDER 22 M	T30162062	1
Ø12	DRIVE IMPELLER 22	RC-201466122	1
Ø12	DRIVE IMPELLER 22 M	RC-201466122M	1
13	DRIVN IMPELLER 22	RC-201466122S	1
Length Parts 24 URAI			
Ø11	CYLINDER 24	63691022	1
Ø11	CYLINDER 24 M	T30163062	1
Ø12	DRIVE IMPELLER 24	RC-201466222	1
Ø12	DRIVE IMPELLER 24 M	RC-201466222M	1
13	DRIVN IMPELLER 24	RC-201466222S	1

Ø Unit is available in both standard and Metric configurations, confirm model before ordering parts.