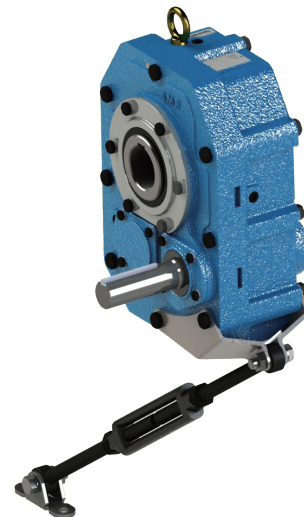
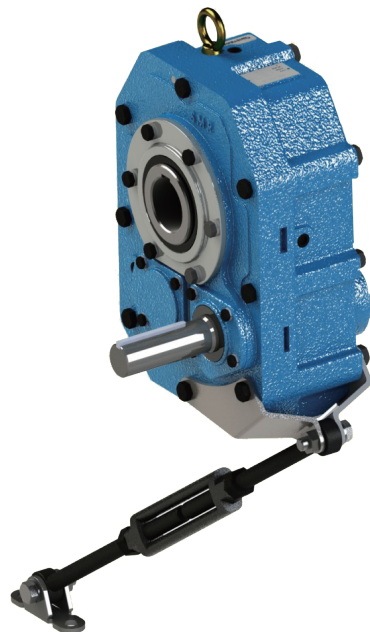




METRIC SMR

SHAFT MOUNT GEAR REDUCERS

SERIES



MAX / Input Horsepower

(Unit) HP

OUTPUT RPM	2	3	4	5	6	7	8	9	OUTPUT RPM
4	0.57	0.95	1.47	2.29	3.60	5.87	9.59	14.16	4
6	0.82	1.34	2.12	3.28	5.16	8.43	13.76	20.29	6
8	1.08	1.67	2.73	4.25	6.66	10.88	17.76	26.22	8
10	1.31	2.02	3.33	5.16	8.13	13.26	21.66	31.63	10
12	1.56	2.34	3.96	5.97	9.67	15.78	25.77	36.68	12
14	1.82	2.64	4.62	6.78	11.28	18.42	29.96	41.59	14
16	2.08	2.95	5.29	7.55	12.89	20.58	33.40	46.37	16
18	2.33	3.24	5.86	8.31	14.50	22.66	36.76	51.05	18
20	2.55	3.53	6.38	9.05	16.12	24.69	40.06	55.64	20
22	2.75	3.82	6.90	9.78	17.68	26.68	43.31	60.15	22
24	2.94	4.09	7.40	10.50	18.99	28.65	46.50	64.59	24
26	3.15	4.37	7.91	11.20	20.27	30.59	49.64	68.95	26
28	3.33	4.64	8.39	11.90	21.54	32.49	52.74	73.28	28
30	3.53	4.91	8.87	12.59	22.78	34.38	55.81	77.54	30
32	3.72	5.17	9.35	13.27	24.01	36.24	58.83	81.77	32
34	3.91	5.43	9.83	13.95	25.23	38.09	61.84	85.94	34
38	4.27	5.95	10.75	15.27	27.64	41.72	67.74	94.16	38
40	4.46	6.20	11.22	15.92	28.83	43.51	70.66	98.22	40
45	4.91	6.83	12.36	17.55	31.74	47.93	77.84	108.22	45
46	5.01	6.95	12.58	17.85	32.32	48.79	79.26	110.19	46
50	5.35	7.44	13.47	19.12	34.60	52.25	84.89	118.04	50
52	5.53	7.69	13.90	19.75	35.74	53.97	87.68		52
54	5.70	7.93	14.34	20.36	36.86	55.66	90.45		54
58	6.04	8.40	15.20	21.59	39.08	59.04	95.93		58
62	6.39	8.87	16.05	22.81	41.29	62.36	101.36		62
66	6.71	9.34	16.90	24.01	43.46	65.66	106.73		66
70	7.04	9.80	17.73	25.22	45.61	68.93	112.05		70
74	7.37	10.36	18.73	26.70	47.74	72.16			74
78	7.70	10.94	19.76	28.16	50.33				78
80	7.86	11.22	20.28	28.91	51.65				80
85	8.35	11.93	21.58	30.76	54.96				85
90	8.85	12.66	22.88	32.61	58.27				90
95	9.35	13.37	24.17	34.46	61.60				95
100	9.86	14.08	25.48	36.32	64.93				100
105	10.37	14.82	26.78	38.19	68.26				105
110	10.87	15.53	28.08	40.04	71.59				110
115	11.37	16.25	29.39	41.91	74.94				115
120	11.88	16.98	30.69	43.79	78.28				120
125	12.38	17.70	32.01	45.67	81.65				125
130	12.89	18.43	33.32						130
135	13.40	19.15	34.63						135
140	13.90	19.89	35.94						140

Output Torque Rating

(Unit) kgm

OUTPUT RPM	2	3	4	5	6	7	8	9	OUTPUT RPM
4	93.0	155	239	373	586	956	1562	2304	4
6	89.5	145	230	356	560	915	1493	2202	6
8	87.7	136	222	346	542	886	1446	2134	8
10	85.1	131	217	336	529	863	1410	2060	10
12	84.4	127	215	324	525	856	1398	1990	12
14	84.6	123	215	315	525	857	1393	1935	14
16	84.6	120	215	307	525	838	1359	1887	16
18	84.2	117	212	301	525	820	1330	1847	18
20	82.9	115	208	295	525	804	1304	1811	20
22	81.4	113	204	290	523	790	1282	1780	22
24	79.8	111	201	285	515	777	1261	1752	24
26	78.8	109	198	281	508	766	1243	1727	26
28	77.5	108	195	277	501	756	1227	1704	28
30	76.6	106	193	273	495	746	1211	1683	30
32	75.7	105	190	270	489	737	1197	1664	32
34	75.0	104	188	267	483	729	1184	1646	34
38	73.2	102	184	262	474	715	1161	1613	38
40	72.5	101	183	259	469	708	1150	1599	40
45	71.1	98.8	179	254	459	693	1126	1566	45
46	70.9	98.4	178	253	457	691	1122	1560	46
50	69.7	96.9	175	249	451	680	1106	1537	50
52	69.2	96.2	174	247	447	676	1098	1527	52
54	68.7	95.6	173	246	444	671	1091		54
58	67.9	94.3	171	242	439	663	1077		58
62	67.1	93.2	169	240	434	655	1064		62
66	66.2	92.2	167	237	429	648	1053		66
70	65.5	91.2	165	235	424	641	1042		70
74	64.9	91.1	165	235	420	635			74
78	64.3	91.3	165	235	420				78
80	64.0	91.3	165	235	420				80
85	64.0	91.4	165	236	421				85
90	64.0	91.6	166	236	422				90
95	64.1	91.7	166	236	422				95
100	64.2	91.7	166	237	423				100
105	64.3	91.9	166	237	423				105
110	64.3	91.9	166	237	424				110
115	64.4	92.0	166	237	424				115
120	64.4	92.1	167	238	425				120
125	64.5	92.2	167	238	425				125
130	64.6	92.3	167						130
135	64.6	92.4	167						135
140	64.7	92.5	167						140

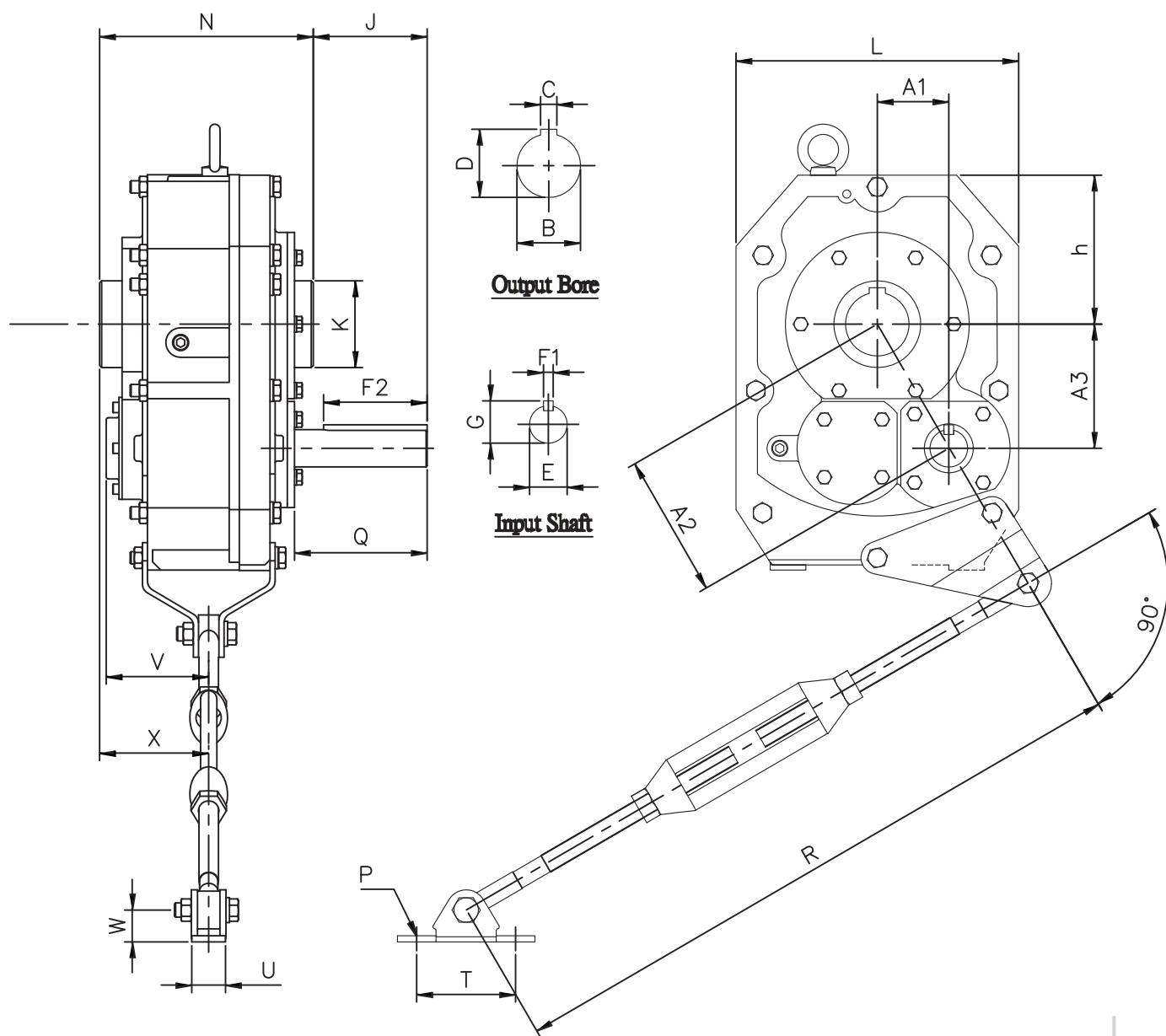
Load Classification

(Unit) mm

SIZE	A1	A2	A3	B	C	D	E	F1
2	54	109.7	95.5	40	12	43.3	19	6
3	59.4	121.5	106	50	14	53.5	22	6
				55	16	59.3	25	8
4	70.1	140.4	121.7	65	18	69.4	28	8
5	77	163.3	144	75	20	79.9	32	10
6	103.7	200	171	85	22	90.4	42	12
7	129.5	247.4	210.8	100	28	106.4	48	14
8	153.1	285.8	241.3	100	28	106.4	55	16
9	167.4	321.5	274.5	125	32	132.5	60	18

SIZE	K	L	M	N	P	Q	R min	R max
2	65	212	292	152	11	73	684	837
3	75	235	332	161	11	82	684	837
				173		87		
4	85	277	382	195	14	95	741	894
5	95	334	463	214	13	100	741	894
6	110	392	553	255	16	115	741	894
7	130	482.5	655	267	16	149	748	900
8	140	517	720	298	19	166	762	914
9	160	597	810	290	19	221	762	914

Dimensions



Actual Ratio And Input Rpm

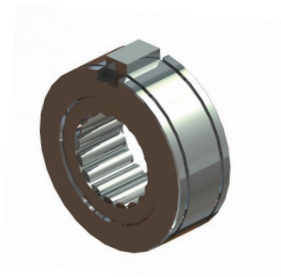
(Unit) mm

OUTPUT RPM	2		3		4		5		6		7		8		9	
	14.04	23.37	14.87	24.75	15.13	24.38	15.4	25.56	15.33	25.14	15.14	24.35	14.79	24.23	15.12	25.66
4		93		99		98		102		101		97		97		103
6		140		149		146		153		151		146		145		154
8		187		198		195		204		201		195		194		205
10		234		248		244		256		251		244		242		257
12		280		297		293		307		302		292		291		308
14		327		347		341		358		352		341		339		359
16		374		396		390		409		402		390		388		411
18	253	421		446	272	439		460		453	273	438		436	272	462
20	281	467		495	303	488		511	307	503	303	487	296	485	302	513
22	309	514		545	333	536	339	562	337	553	333	536	325	533	333	565
24	337	561		594	363	585	370	613	368	603	363	584	355	582	363	616
26	365	608		644	393	634	400	665	399	654	394	633	385	630	393	667
28	393	654	416	693	424	683	431	716	429	704	424	682	414	678	423	718
30	421	701	446	743	454	731	462	767	460	754	454	731	444	727	454	770
32	449	748	476	792	484	780	493	818	491	804	484	779	473	775	484	821
34	477	795	506	842	514	829	524	869	521	855	515	828	503	824	514	872
38	534	888	565	941	575	926	585	971	583	955	575	925	562	921	575	975
40	562	935	595	990	605	975	616	1022	613	1006	606	974	592	969	605	1026
45	632	1052	669	1114	681	1097	693	1150	690	1131	681	1096	666	1090	680	1155
46	646	1075	684	1139	696	1121	708	1176	705	1156	696	1120	680	1115	696	1180
50	702	1169	744	1238	757	1219	770	1278	767	1257	757	1218	740	1212	756	1283
52	730	1215	773	1287	787	1268	801	1329	797	1307	787	1266	769	1260		
54	758	1262	803	1337	817	1317	832	1380	828	1358	818	1315	799	1308		
58	814	1355	862	1436	878	1414	893	1482	889	1458	878	1412	858	1405		
62	870	1449	922	1535	938	1512	955	1585	950	1559	939	1510	917	1502		
66	927	1542	981	1634	999	1609	1016	1687	1012	1659	999	1607	976	1599		
70	983	1636	1041	1733	1059	1707	1078	1789	1073	1760	1060	1705	1035	1696		
74	1039	1729	1100	1832	1120	1804	1140	1891	1134	1860	1120	1802				
78	1095	1823	1160	1931	1180	1902	1201	1994	1196	1961						
80	1123	1870	1190	1980	1210	1950	1232	2045	1226	2011						
85	1193	1986	1264	2104	1286	2072	1309		1303							
90	1264		1338		1362		1386		1380							
95	1334		1413		1437		1463		1456							
100	1404		1487		1513		1540		1533							
105	1474		1561		1589		1617		1610							
110	1544		1636		1664		1694		1686							
115	1615		1710		1740		1771		1763							
120	1685		1784		1816		1848		1840							
125	1755		1859		1891		1925		1916							
130	1825		1933		1967											
135	1895		2007		2043											
140	1966		2082		2118											

Optional Accessories

Backstop Assemblies

Universal backstop assemblies for shaft mount ensure smooth, forward operation of conveyor with no backslip.





Head Office:

TONSON AUSTRALIA
SAMT

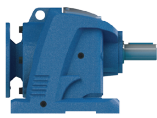
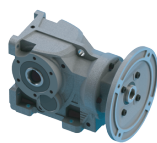
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SHIFT MOUNT GEAR REDUCERS
SERIES SMR