

TECHNOGEAR.
Precision Gearing

- MP Series
- LC Series
- SL Series
- KR Series

TECHNODRIVE.
Standard Gearing

- RT Series
- RS Series
- BR Series
- RD Series
- AC & DC Motors

TECHNOLOCK.
Couplings and Clutches

- Couplings
- Torque Limiters

TECHNOMOTION.
Linear Movement

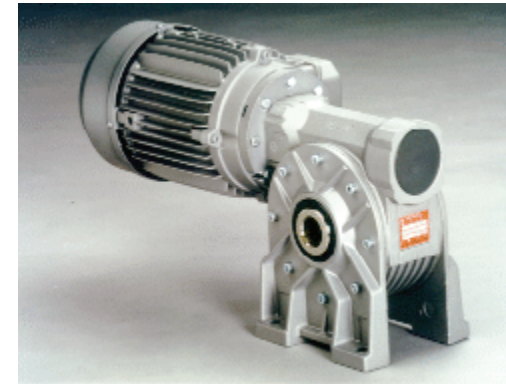
- Linear Actuators
- Linear Screw Jacks
- Linear Slides

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RS Series

Right Angle Worm Gear



RS Series



SIPCO offers a complete product line of standard and precision components.

SIPCO has been satisfying customers since 1984. In that time, we have established a reputation for providing product services & Mechanical Linkage solutions to industries using motion control, power transmission, and hydraulic systems. Today, our products are in applications, including robotic, packaging, automotive, printing and material handling applications to name a few.

Through this experience, we are continually evolving, offering new innovative solutions for high-tech applications. When you have one source, you only have to place one order to fill your Mechanical Linkage needs.

The worm gearboxes, RS Series, are manufactured with die cast housings and covers in aluminum up to the size RS85 and cast iron from the size RS110.

Torques listed in selection tables are output torque values for the specific size, and motor powers are always referred to 1440 rpm.

Input Viton oilseals, fitted on demand, allow trouble-free operation with 2-pole standard AC Motors or 3000 rpm DC Motors.

Gearboxes are delivered filled with synthetic long-life oil (without plugs), in quantities recommended and valid for all mounting positions.

Selection table data are intended for service factor SF1.0 i.e. 8-10 running hours per day, uniform load, less than 6 start/stop per hour, and room temperature ranging from 15° to 35°C.

1800 RPM	RATIO	7	10	15	20	28	40	49	56	70	80	100
	RPM	257	180	120	90	64	45	37	32	26	23	18
RS28	HP	0.75	0.55	0.39	0.27	0.27	0.17	0.15	0.13	0.1	0.08	0.05
	Nm	18	18	18	16	20	17	17	15	12	12	8
	EFF.	84%	81%	77%	74%	66%	62%	57%	51%	45%	45%	43%
RS40	HP	1.84	1.36	0.92	0.64	0.62	0.42	0.35	0.3	0.23	0.2	0.15
	Nm	45	46	44	39	48	42	41	38	36	32	29
	EFF.	85%	83%	78%	75%	68%	61%	58%	56%	52%	50%	46%
RS50	HP	3.02	2.18	1.56	1.06	1.06	0.69	0.62	0.52	0.42	0.34	0.22
	Nm	75	75	74	65	85	72	76	71	63	58	43
	EFF.	86%	84%	78%	76%	71%	64%	62%	60%	53%	52%	47%
RS60	HP	4.69	3.86	2.68	2.01	1.68	1.26	1.04	0.91	0.77	0.62	0.42
	Nm	113	133	130	122	139	135	128	123	122	106	83
	EFF.	86%	84%	81%	77%	71%	66%	62%	60%	55%	53%	49%
RS70	HP	6.71	5.2	3.68	3.02	2.51	2.01	1.41	1.24	0.97	0.84	0.62
	Nm	166	180	188	194	216	238	189	180	163	154	130
	EFF.	88%	86%	83%	81%	75%	71%	67%	64%	59%	56%	52%
RS85	HP	10.39	7.71	5.7	4.86	3.69	2.68	2.35	2.01	1.61	1.44	0.92
	Nm	259	268	289	322	319	401	316	305	290	280	210
	EFF.	88%	86%	83%	82%	76%	72%	67%	68%	63%	60%	56%
RS110	HP	20.95	15.09	10.9	9.55	7.38	5.87	4.53	3.69	3.35	2.51	1.84
	Nm	525	532	560	647	642	691	631	595	635	525	469
	EFF.	88%	87%	84%	83%	76%	73%	71%	70%	67%	66%	61%
RS130	HP	31.85	25.14	18.44	14.25	12.57	9.22	6.54	6.2	4.53	4.02	3.02
	Nm	807	890	960	975	1100	1140	950	1005	865	810	750
	EFF.	89%	87%	85%	84%	77%	76%	72%	71%	67%	63%	61%
RS150	HP	41.74	35.2	26.82	20.95	15.92	13.41	9.89	8.55	6.37	5.53	4.36
	Nm	1060	1260	1410	1430	1435	1680	1440	1420	1230	1170	1120
	EFF.	89%	88%	86%	84%	89%	77%	73%	73%	68%	65%	63%

