



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



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



- Couplings
- Torque Limiters



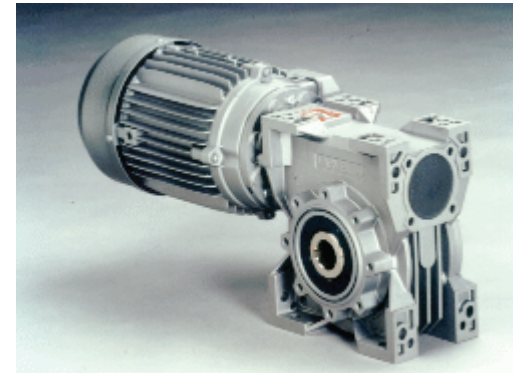
- Linear Actuators
- Linear Screw Jacks
- Linear Slides



12910 Galveston Road
Webster (Houston), TX 77598
Tel: (281) 480-5711
Fax: (281) 480-8656

Visit our website at:
www.sipco-mls.com

DISTRIBUTED BY



RT Series

Right Angle Worm Gear



RT 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, RT series, specifically designed for universal mounting, are manufactured with die cast housings and covers in aluminum up to the size 85 and cast iron from the size 110. Torques listed in selection tables are output torque values for the specific size, and motor powers are always referred to 1800 rpm.

Input Viton oil seals, fitted on demand, allow trouble-free operation with 2-pole standard AC motors or 3600 rpm DC motors.

Gearboxes are delivered filled with synthetic long-life oil (without plugs), in quantities as 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/stops 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	
RT28	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%	
RT40	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%	
RT50	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%	
RT60	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%	
RT70	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%	
RT85	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%	
RT110	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%	



