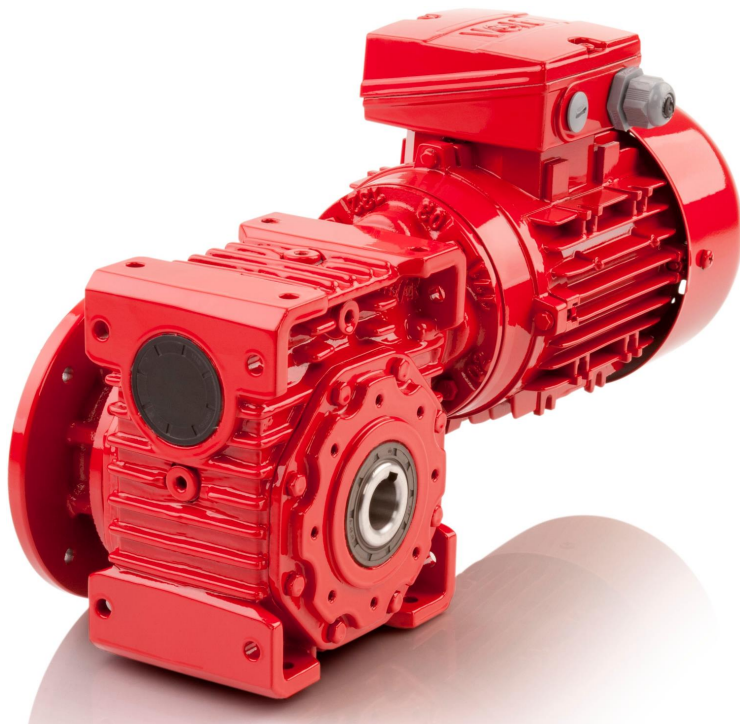


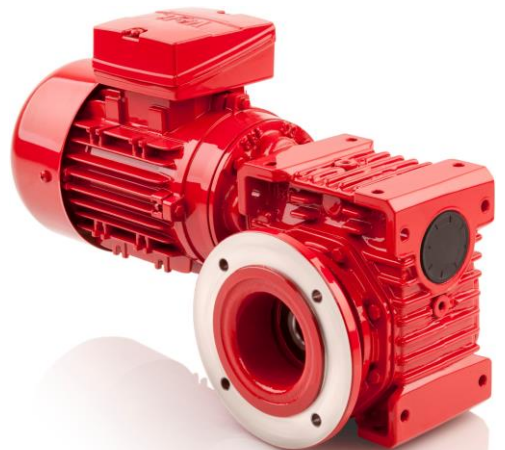
Gearboxes and Drives

SIPCO i.Mak[®]

Gearboxes and Drives



Cross Reference
Worm Geardrives

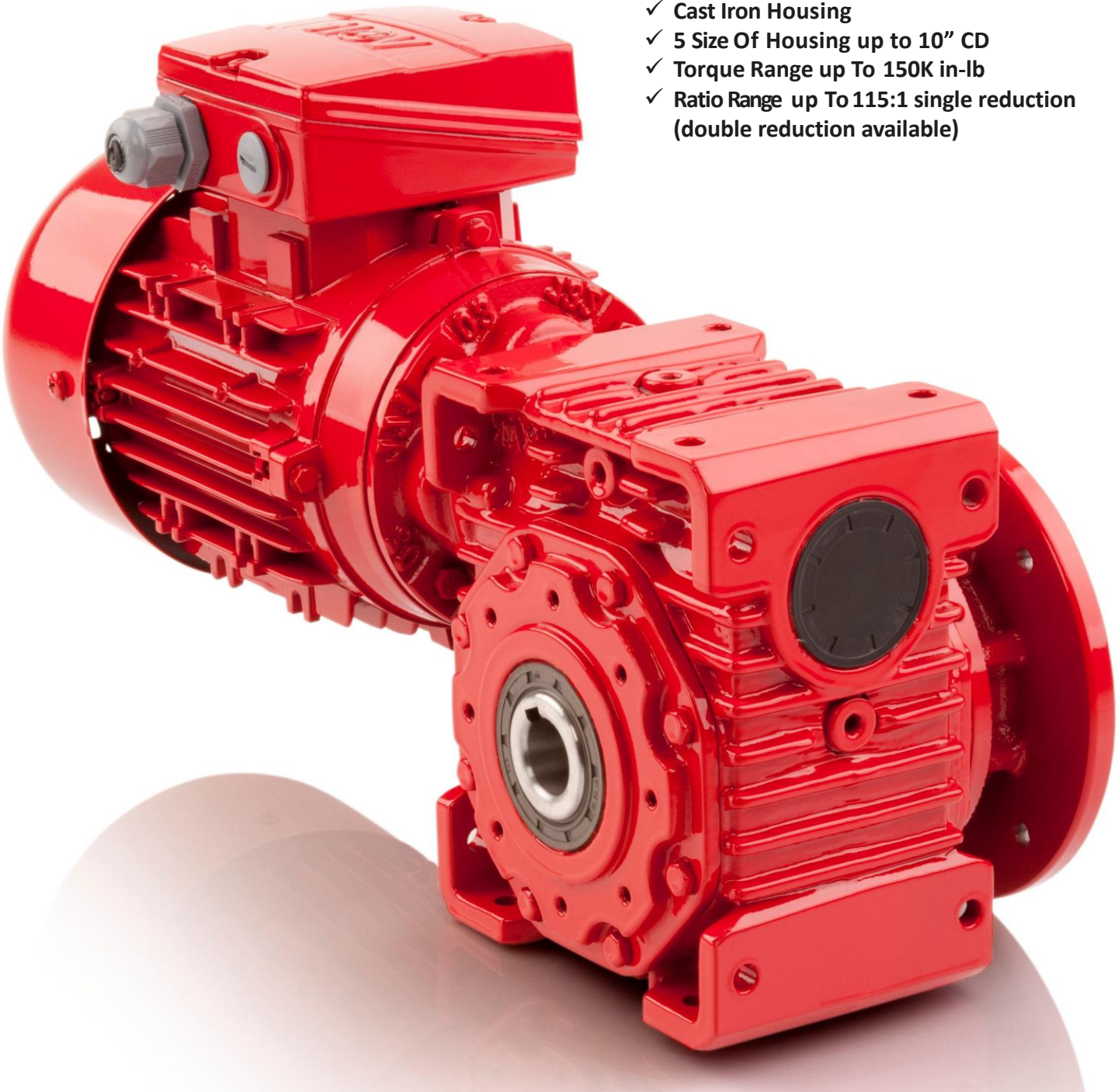


WC2020

IRS

Cast Iron Worm

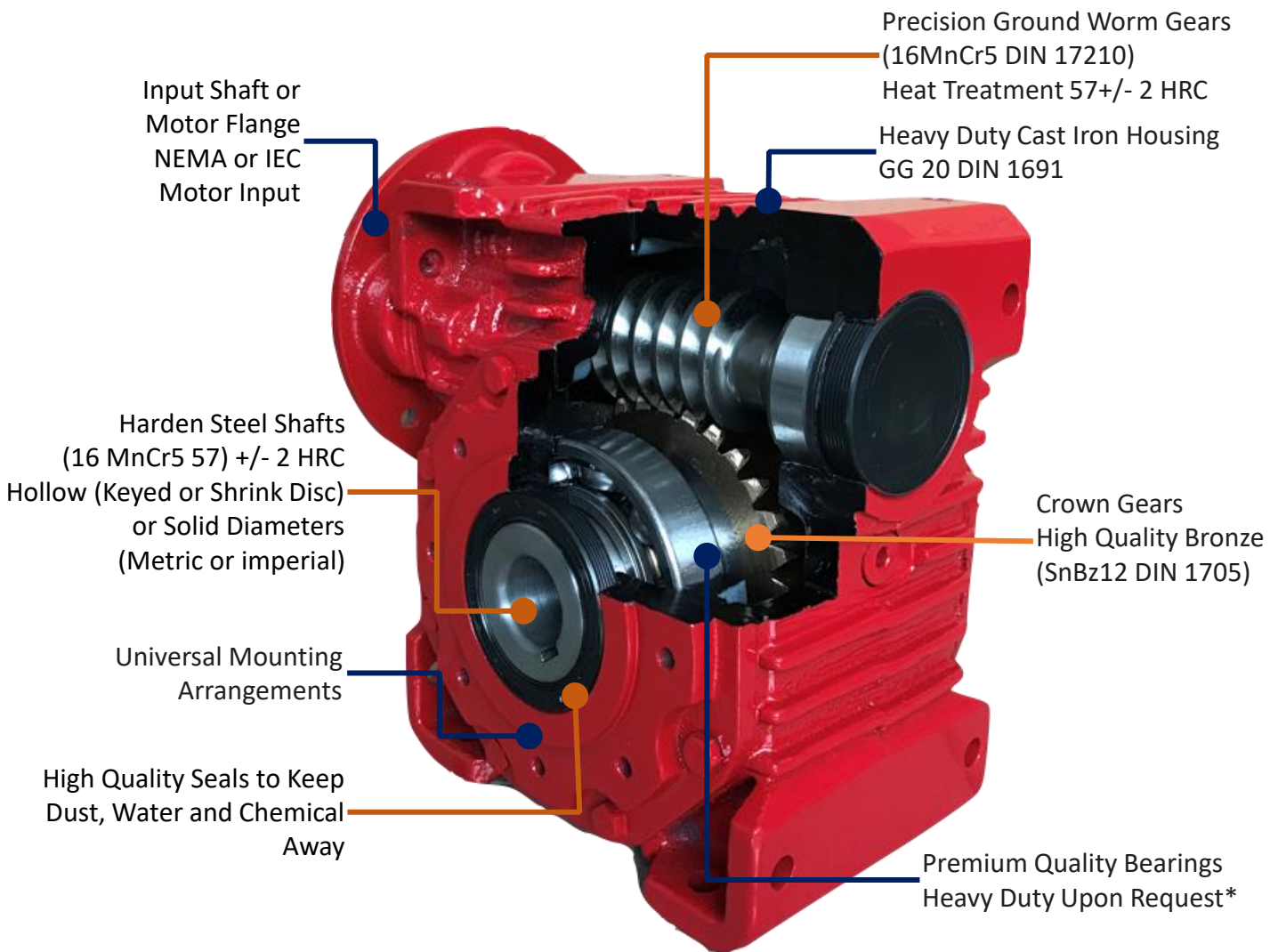
- ✓ Cast Iron Housing
- ✓ 5 Size Of Housing up to 10" CD
- ✓ Torque Range up To 150K in-lb
- ✓ Ratio Range up To 115:1 single reduction
(double reduction available)



IRS

Cast Iron Worm

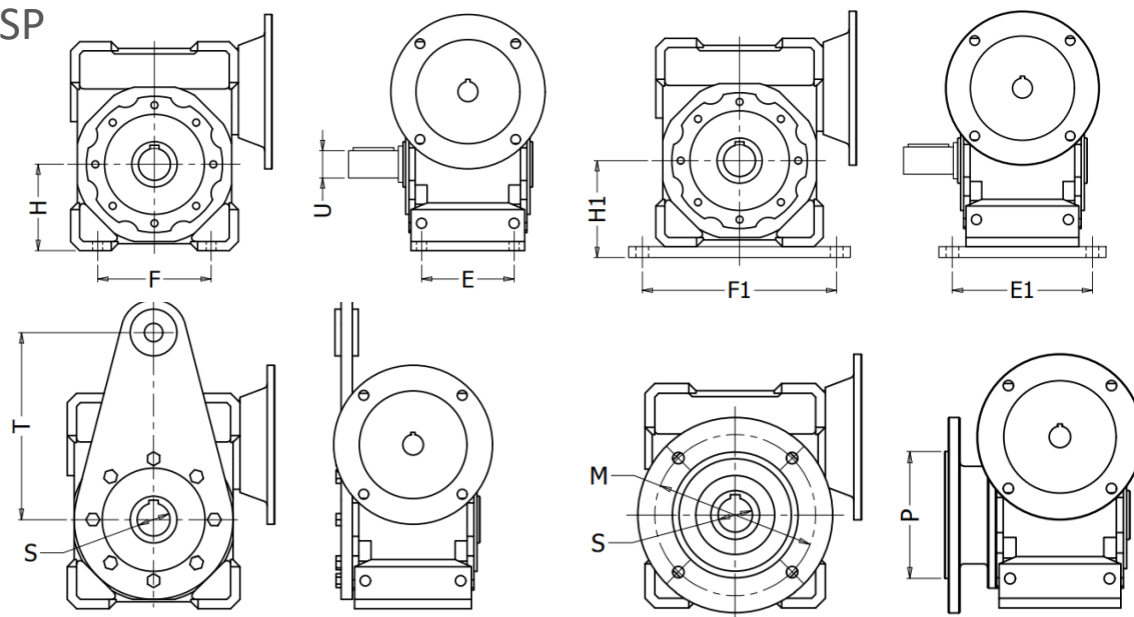
KEY FEATURES





Cast Iron Worm

IRSP



	Type	CD [in]	T2 (Lb.IN)	T2 [Nm]	S Hight H [in]	H1 [in]	S Dia – U [in]	S Bore ø [in]	Foot F – E [in]	Mount Base F1 x E1	S / M	T
Boston	710	1.00	150	17	1.31	1.75	0.50		2.63 x 1.69	3.75 x 2.88		
GROVE	190		112	13	1.31	1.812	0.50		2.625 x 1.688	3.75 x 2.88		
Winsmith	910		107	12	1.31	1.75	0.50		2.62 x 1.688	3.75 x 2.88		
Motovario	RV 25	0.98 (25)	86	10	1.37 (35)		0.50	.50	1.77 x 1.33		1.574 x 2.16	2.72
SIPCO I.MAK	IRA 25	0.98 (25)	106	12	1.37 (35)	1.75	0.50	0.433	1.77 x 1.34	3.75 x 2.88	1.574 x 2.16	2.72
DODGE T2	13	1.33	314	35	1.71	2.24	0.625	0.625	3.25 x 2.0	4.38 x 3.31		12
GROVE	213 / 813	1.33	478	54	1.72	2.25	0.625	0.625	3.25 x 2.0	4.38 x 3.31		2.97
WIN C-Line	1 / 913	1.33	223	25	1.75	2	0.625	0.625	3.12 x 2.0	4.26 x 3.26	3.3x3.53-2.32	
Hub City	131	1.33	300	34	1.562	2.25	0.625	0.625	3.25 x 2.0	4.38 x 3.31		
Boston	713	1.33	311	35	1.72	2.25	0.625	0.625	3.25 x 2.0	4.38 x 3.30	1.97 x 2.68	3.35
Motovario	RV 30	1.18 (30)	177	20	1.57		0.375	0.375	2.13 x 1.73			3.35
SIPCO I.MAK	IRA 30	1.18 (30)	212	24	1.57	2.25	0.625	0.625	2.13 x 1.73	4.38 x 3.30		
DODGE	15	1.50	413	47	1.87	2.25	0.75	0.75	3.5 x 2.5	5.25 x 4.31		12
GROVE	815	1.54		0	1.91	2.5	0.75	0.625	4.19 x 2.75	5.25 x 4.31		4.41
Boston	715	1.54	445	50	1.91	2.5	0.75	1	4.19 x 2.75	5.25 x 4.31		
Motovario	RV 40	1.57 (40)	398	45	1.97		0.5	0.5	2.76 x 2.36			3.94
SIPCO I.MAK	IRA 40	1.57 (40)	469	53	1.97	2.25	0.75	0.75	2.76 x 2.36	4.38 x 3.31	2.36 x 3.43	3.94
DODGE	17	1.75	615	13	1.75	1.99	0.875		4.19 x 2.75	5.75 x 4.5	x 5.88	12
GROVE	218 / 818	1.75	614	69	2.06	2.75	0.75	1	4.19 x 2.75	5.75 x 4.5		4.56
WIN C-Line	2 / 917	1.75	420	47	2.13	2.44	0.875	1	3.88 x 1.76	4.62 x 3.5	2x4-2.63	15
Hub City	181	1.75	589	67	1.875	2.75	0.75	1	4.19 x 2.75	5.75 x 4.5	4.25 x 5.875	11.13
Boston	718	1.75	573	65	2.06	2.75	0.875	1	4.19 x 2.75	5.75 x 4.5	x 5.88	24
SIPCO I.MAK	ICA 45	1.77 (45)	327	37	2.83	2.75	0.75	0.75	2 x 3.188	5.75 x 4.5		3.94
DODGE	20	2	802	91	2.44	3	1.00		5.0 x 2.88	6.38 x 4.69	x 5.88	14.7
GROVE	220 / 821	2.06	968	109	2.44	3	1.00	1.5	4.75 x 3.00	6.38 x 4.69		5.44
WIN C-Line	3 / 920	2	630	71	2.13	2.63	1.00	1.4375	4.38 x 1.76	5.0 x 3.76	4x4.38-3	15
Hub City	211	2.06	834	94	2.437	3	0.875	1.25	5.0 x 2.88	6.38 x 4.69	4.75 x 7.0	11.13
Boston	721	2.06	871	98	2.28	3	1.00	1.4275	5.0 x 2.88	6.38 x 4.69	x 6.5	24
Motovario	RV 50	1.97 (50)	743	84	2.36		0.63	0.63	3.15 x 2.76			3.394
SIPCO I.MAK	IRA 50	1.97 (50)	717	81	2.36	3	0.63	1	3.15 x 2.76	6.38 x 4.69	2.76 x 3.54	3.94
SIPCO I.MAK	IRS 52	1.97 (50)	2124	240	2.48	3	1.00	0.75	3.11 x 2.95	6.38 x 4.69	3.74 v 4.52	4.72



	Type	CD [in]	T2 (Lb.IN)	T2 [Nm]	S Hight H [in]	H1 [in]	S Dia – U [in]	S Bore ø [in]	Foot F – E [in]	Mount Base F1 x E1	S / M	T
DODGE	23	222.31	1201	136	2.5	3.25	1.125		5.0 x 2.88	7.06 x 4.88	x 7.5	14.7
GROVE	824	2.38	1423	161	2.5	3.25	1.125	1.5	5.0 x 2.88	7.06 x 4.88		5.88
WIN C-Line	924	2.38	1007	114	2.88	3.25	1.25	1.5	4.38 x 2.26	6.26 x 3.76	5.76x4.88-2.88	15
Hub City	241	2.376	1209	137	2.5	3.25	1.125	1.4375	5.0 x 2.88	7.06 x 4.88	5.0 x 7.5	11.13
Boston	724	2.38	1200	136	2.5	3.25	1.125	1.4375	5.00 x 2.88	7.06 x 4.88		
Motovario	RV 63	2.48 (63)	1345	152	2.83		0.75	0.75	3.94 x 3.35			5.9
SIPCO I.MAK	IRA 63	2.48 (63)	1478	167			1.125	1.125				
SIPCO I.MAK	IRS 65	2.48 (63)	3673	415	3.03	3.25	1.125	1.125	4.13 x 3.38	7.06 x 4.88	4.33 x 5.12	5.9
DODGE	26	2.63	1705	193	2.87	3.68	1.125		6.38 x 3.38	8.0 x 5.25	x 7.58	14.7
GROVE	826	2.62	1883	213	2.94	3.69	1.125	1.5	6.38 x 3.38	8.0 x 5.25		6.68
WIN C-Line	4 / 926	2.63	1388	157	3.13	3.5	1.25	1.6875	4.88 x 2.26	6.5 x 3.76		
Hub City	261	2.626	1633	185	2.938	3.69	1.25	1.4375	6.38 x 3.38	8.0 x 5.25	5.76x5.25-2.88	11.13
Boston	726	2.62	1521	172	2.94	3.69	1.125	1.9375	6.38 x 3.38	8.0 x 5.25	x 8.0	24
SIPCO I.MAK	IRS 65	2.48 (63)	3673	415	3.03	3.25	1.125	1.125	4.13 x 3.38	7.06 x 4.88	4.33 x 5.12	5.9
DODGE	30	3	2417	273	3.25	4	1.375	1.9375	7.0 x 4.00	8.44 x 5.88	x 9.0	14.7
GROVE	830	3	2519	285	3.25	4	1.25	2.188	7.0 x 4.00	8.44 x 5.88		8.25
WIN C-Line	5 / 930	3	1989	225	3.5	4	1.25	1.9375		7.0 x 4.75	7.62x5.75-3.63	15
Boston	730	3	2045	231	3.25	4	1.25	2.1875	7.0 x 4.00	8.44 x 5.88		
Motovario		2.95 (75)	2036	230	3.39		0.875	0.875	4.72 x 3.74			7.87
SIPCO I.MAK		2.95 (75)	2062	233			1.25					
SIPCO I.MAK	IRS 65	2.48 (63)	3673	415	3.03	3.25	1.25	1.25	4.13 x 3.38	7.06 x 4.88	4.33 x 5.12	5.9
DODGE	35	3.5	3682	416	3.99	4.99	1.5		7.5 x 4.0	9.5 x 6.13	x 9.0	14.7
GROVE	832	3.25	3226	365	3.5	4.38	1.5	2.188	7.5 x 4.0	9.5 x 6.13		8.5
WIN C-Line	6 / 935	3.5	2618	296	4	4.5	1.5	2.1875	7.5 x 4.0	8.25 x 5.25	8.5x5.88-4.38	21
Hub City	321	3.25	2708	306	3.25	4.38	1.375	2.1875	7.5 x 4.0	9.5 x 6.13	6.88 x 9.0	11.13
Boston	732	3.25	2456	278	3.5	4.38	1.375	2.1875	7.5 x 4.00	9.5 x 6.13	x 10.0	24
Motovario	RV 90		3629	410	4.06		0.875	0.875				787
SIPCO I.MAK	IRS 82	3.15 (80)	7744	875	3.74	4.38	1.375	1.375	4.92 x 4.02	9.5 x 6.13	5.12 x 7.87	7.87
DODGE	40	4	4898	553	4.44		1.875		8.5 x 5.00	11.12 x 7.63		19.5
GROVE	842	4.25	5960	673	4.44	5.44	1.875	2.188	8.5 x 5.0	11.12 x 7.63		0.44
WIN C-Line	7	4.25	4295	485	4.38	5	1.75	2.4375	7.5 x 3.26	9.76 x 5.76		
Hub City	381	3.75	3907	441	3.937	4.81	1.5	2.1875	8.5 x 4.81	10.38 x 7.00	7.r x 10.0	11.13
Boston	738	3.75	3354	379	3.88	4.81	1.625	2.4375	8.5 x 4.75	10.38 x 7.0		
Motovario	RV 90	3.54 (90)	3629	410	4.06		0.875	0.875	5.51 x 3.94			7.87
SIPCO I.MAK	IRA 90	3.54 (90)	0				1.625					
DODGE	47	4.75	6845	773	5.31		2		11 x 5.81	14.12 x 8.38		19.5
WIN C-Line	8	4.6	5096	576	-	5.5	1.75	3		11 x 6.5		
Hub City	451	4.5	6176	698	4.625	5.625	1.625	2.9375	8.125 x 3.25	12.125 x 7.625		12.5
Motovario	RV 110	4.33 (110)	5576	630	5.02		1.125	1.125	6.69 x 4.53			9.84
SIPCO I.MAK	IRS 100	3.94 (100)	12,965	1465	4.72	5.625	2	2.1875	6.69 x 4.52	14.13 x 8.38	7.09 x 8.46	9.84
GROVE	852	5.25	9627	1088	5.12	6.25	2	3.438	11. x 5.81	14.13 x 8.38		10.12
WIN C-Line	9	5.17	6291	711	-	6	2	3.4375		12 x 7		
Hub City	521	5.168	8814	996	5.375	6.4375	1.75	3.4375	9.5 x 3.75	14.125 x 8.875		12.5
Boston	752	5.16	6964	787	5.31	6.44	2	-	11.0 x 5.81	14.13 x 8.38		
Motovario	RV 130	5.12 (130)	9204	1040	5.81		1.25		7.87 x 4.72			9.84
SIPCO I.MAK	IRS 127	4.92 (125)	23,453	2650	5.9	6.4375	2	2.1875	8.27 x 6.50	14.13 x 8.38	9.1 x 1'0.4	11.81
GROVE	860	6	10,249	1158	6.5	7.75	2.5	3.438	12.75 x 6.375	16.5 x 9.5		11.5
WIN C-Line	10	6	8,832	998	-	7	2.25	3.4375		13 x 8		
Hub City	601	6	11,379	1286	6.625	8.125	2.25	3.4375	11 x 4.875	10.5 x 9.5		14.88
Boston	760	6	9,603	1085	6.5	7.75	2.25	3.4375	12.75 x 6.38	16.5 x 9.5		
Motovario	RV 150	5.9 (150)	10,089	1140	6.69		1.375	1.375	9.45 x 5.71			5.9
WIN C-Line	11	6.5	10,488	1185	-	7.5	2.5			14 x 8		
SIPCO I.MAK	IRS 162	6.3 (160)	42,657	4820	7.87	9	3	3.1875	10.63 x 8.46	13 x 11.25	13.78 x 15.75	13.78
GROVE	870	7	13,356	1509	7.59	9	2.75	3.938	12.5 x 5.5	13 x 11.25		
WIN C-Line	12	7	12,148	1373		8.5	2.75	4.4375		15 x 10		
Hub City	701	7	13,356	1509	7.59	9	2.75	3.938	12.5 x 5.5	13 x 11.25		
WIN C-Line	13	7.88	14,498	1638	-	9.375	3			16 x 11.5		
GROVE	880	8	17,166	1940	8.86	10.5	3	4.438	14.25 x 6.5	14.75 x 11.5		
WIN C-Line	14	8.13	16,506	1865		10	3.25			18 x 13.5		
Hub City	801	8	17,166	1940	8.86	10.5	3	4.4375	14.25 x 6.5	14.75 x 11.5		
SIPCO I.MAK	IRS 201	7.9 (200)	63,720	7200	13	13	3.25	3.5	13.78 x 11.61	14.75 x 11.5	17.71 x 19.68	
GROVE	8100	10	27,433	3100	10.36	12	3.75	5.438	17.75 x 6.88	17 x 14		
WIN C-Line	15	9	19,714	2228	-	13		5.438		16.5 x 15		
Hub City	1001	10	27,433	3100	10.36	12	3.75		17.75 x 6.875	17 x 15		
SIPCO I.MAK	IRS 250	9.8 (250)	110,625	12,500	15	15	3.75	3.75	15.6 x 13.85	17 x 15	20.86 x 27.28	



Check Out Our Extended Product Line

Inline



Torque	18 KNm(159 k In-LB)
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Output Shaft Ø	120 mm (4.75 in)
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Right Angle



Parallel



Torque	18 KNm(159 K in-Lb)
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Output Shaft Ø	120 mm (4.75 in)
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Shaft Mount



Helical Worm



Torque	4.8 KNm(42.6 K in-Lb)
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Output Shaft Ø	72 mm (2.875 in)
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Industrial Helical



Torque	70 KNm(619 k In-LB)
Output Shaft Ø	180 mm (7.0 in)

Industrial Planetary

Torque	1590 KNm(1173 K in-Lb)
Output Shaft Ø	460 mm (18.1 in)



Spiral Bevel



Torque	7.6 KNm(68 K in-Lb)
Output Shaft Ø	90 mm (3.625 in)

Shaft Mount (TXT)

Output Shaft Ø	87 mm (3-7/16 in)
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Precision Planetary



Torque	1.2 KNm(11 K in-Lb)
Output Shaft Ø	160 mm (6.3 in)

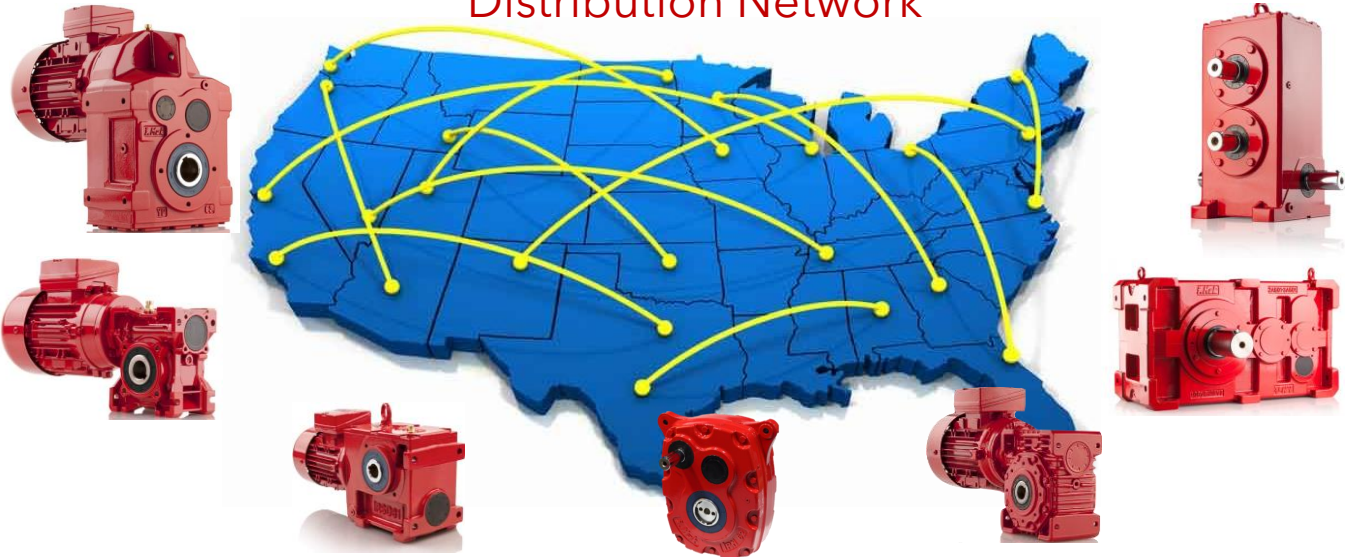
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