

0107

DuoDrive Size D40 (expanded rating table)

<b>Reducer Size</b>		<b>40</b>							
		<b>8.00 Inch (Center Distance at Output Shafts)</b>							
		<b>Worm RPM</b>							
<b>Ratio to 1</b>		<b>100</b>	<b>200</b>	<b>300</b>	<b>580</b>	<b>720</b>	<b>870</b>	<b>1150</b>	<b>1750</b>
5	Me.HP	6.5	11.8	16.5	26.3	29.7	32.8	38.0	46.5
	Th.HP Std	3.4	5.2	6.7	9.5	10.7	11.5	12.4	13.6
	Th.HP Fan	5.1	7.8	10.0	14.3	16.0	17.2	18.6	20.5
	Efficiency	92	93	94	94	94	95	95	95
	O.T. / Shaft	16,500	15,100	14,250	11,750	10,700	9,900	8,650	7,000
10	Me.HP	4.2	7.6	10.7	17.6	20.2	22.4	26.0	32.2
	Th.HP Std	2.3	4.2	5.7	7.8	8.5	9.1	9.7	10.4
	Th.HP Fan	3.5	6.3	8.6	11.7	12.8	13.7	14.6	15.6
	Efficiency	86	88	89	90	90	92	93	93
	O.T. / Shaft	19,950	18,450	17,500	15,100	13,950	13,100	11,600	9,450
15	Me.HP	2.9	5.3	7.5	12.5	14.3	15.9	18.4	22.9
	Th.HP Std	1.6	3.0	4.2	6.9	8.0	7.3	7.7	8.2
	Th.HP Fan	2.4	4.5	6.3	10.4	12.0	11.0	11.6	12.3
	Efficiency	82	84	85	88	89	90	91	91
	O.T. / Shaft	19,700	18,450	17,600	15,700	14,650	13,650	12,050	9,850
20	Me.HP	2.3	4.1	5.8	9.6	11.0	12.2	14.2	17.6
	Th.HP Std	1.3	2.3	3.2	5.3	6.1	6.4	6.6	6.9
	Th.HP Fan	2.0	3.5	4.8	8.0	9.2	9.6	9.9	10.4
	Efficiency	78	80	81	86	86	86	87	88
	O.T. / Shaft	19,800	18,100	17,300	15,700	14,500	13,300	11,850	9,800
25	Me.HP	1.8	3.3	4.7	7.7	8.9	9.9	11.5	14.2
	Th.HP Std	1.0	1.9	2.6	4.3	5.0	5.4	5.5	5.7
	Th.HP Fan	1.5	2.9	3.9	6.5	7.5	8.1	8.3	8.6
	Efficiency	74	78	80	84	84	86	87	87
	O.T. / Shaft	18,400	17,750	17,300	15,400	14,350	13,500	12,000	9,750
30	Me.HP	1.5	2.8	3.9	6.5	7.5	8.3	9.7	12.0
	Th.HP Std	0.9	1.6	2.2	3.6	4.2	4.6	4.8	5.0
	Th.HP Fan	1.4	2.4	3.3	5.4	6.3	6.9	7.2	7.5
	Efficiency	71	73	75	78	81	82	83	83
	O.T. / Shaft	17,650	16,950	16,150	14,500	14,000	12,950	11,600	9,450
40	Me.HP	1.2	2.1	3.0	4.9	5.6	6.3	7.3	9.0
	Th.HP Std	0.7	1.2	1.7	2.7	3.1	3.5	4.1	4.3
	Th.HP Fan	1.1	1.8	2.6	4.1	4.7	5.3	6.2	6.5
	Efficiency	64	66	70	75	76	78	79	79
	O.T. / Shaft	16,950	15,300	15,450	14,000	13,050	12,500	11,100	9,000
50	Me.HP	1.0	1.7	2.4	3.9	4.5	5.0	5.8	7.2
	Th.HP Std	0.5	1.0	1.3	2.2	2.5	2.8	3.3	3.8
	Th.HP Fan	0.8	1.5	2.0	3.3	3.8	4.2	5.0	5.7
	Efficiency	57	63	67	73	74	75	76	76
	O.T. / Shaft	15,750	14,800	14,800	13,550	12,750	11,900	10,600	8,650
60	Me.HP	0.8	1.4	2.0	3.3	3.8	4.2	4.9	6.0
	Th.HP Std	0.5	0.8	1.1	1.9	2.1	2.4	2.7	3.4
	Th.HP Fan	0.8	1.2	1.7	2.9	3.2	3.6	4.1	5.1
	Efficiency	56	62	64	69	71	72	73	73
	O.T. / Shaft	14,850	14,400	14,150	13,000	12,400	11,500	10,300	8,300

Key: Me.HP = Mech. Input Power (HP)      Th.HP Std = Ther. Input Power - No Fan  
 O.T. / Shaft = Output Torque (Lb.-in) per shaft      Th.HP Fan = Ther. Input Power - Fan