

0107

DuoDrive Size D60 (expanded rating table)

Reducer Size		12.00 Inch (Center Distance at Output Shafts)							
60		Worm RPM							
Ratio to 1		100	200	300	580	720	870	1150	1750
5	Me.HP	19.5	35.1	47.9	70.5	79.3	87.3	99.8	116.5
	Th.HP Std	6.2	9.3	12.0	17.1	19.1	20.6	22.3	24.5
	Th.HP Fan	9.2	14.0	18.0	25.6	28.7	30.9	33.4	36.8
	Efficiency	92	93	94	94	94	95	95	95
	O.T. / Shaft	49,400	45,000	41,350	31,500	28,550	26,300	22,750	17,450
10	Me.HP	12.5	22.7	31.3	47.5	53.3	59.0	68.2	81.7
	Th.HP Std	5.5	7.9	10.2	13.9	15.2	16.3	17.5	18.6
	Th.HP Fan	8.3	11.9	15.3	20.9	22.8	24.5	26.3	27.9
	Efficiency	86	88	89	90	90	92	93	93
	O.T. / Shaft	59,300	55,100	51,200	40,650	36,750	34,400	30,450	23,950
15	Me.HP	8.8	16.0	22.1	33.7	37.7	41.8	48.1	58.0
	Th.HP Std	4.9	6.9	8.5	11.5	12.3	13.1	13.8	14.7
	Th.HP Fan	7.4	10.4	12.8	17.3	18.5	19.7	20.7	22.1
	Efficiency	82	84	85	88	89	90	91	91
	O.T. / Shaft	59,700	55,600	51,800	42,300	38,550	35,800	31,500	24,950
20	Me.HP	6.7	12.2	16.9	25.9	28.9	32.2	36.9	45.0
	Th.HP Std	3.8	6.1	7.5	10.2	10.8	11.4	11.8	12.3
	Th.HP Fan	5.7	9.2	11.3	15.3	16.2	17.1	17.7	18.5
	Efficiency	78	80	81	86	86	86	87	88
	O.T. / Shaft	57,650	53,850	50,350	42,350	38,100	35,100	30,800	24,950
25	Me.HP	5.4	9.9	13.7	21.0	23.4	26.0	29.9	36.2
	Th.HP Std	3.1	5.2	6.5	8.9	9.3	9.6	9.9	10.2
	Th.HP Fan	4.7	7.8	9.8	13.4	14.0	14.4	14.9	15.3
	Efficiency	74	78	80	84	84	86	87	87
	O.T. / Shaft	55,100	53,250	50,350	41,950	37,650	35,450	31,200	24,850
30	Me.HP	4.6	8.3	11.5	17.6	19.7	21.8	25.0	30.5
	Th.HP Std	2.6	4.4	5.7	7.7	8.1	8.4	8.6	8.9
	Th.HP Fan	3.9	6.6	8.6	11.6	12.2	12.6	12.9	13.4
	Efficiency	71	73	75	78	81	82	83	83
	O.T. / Shaft	54,050	50,150	47,550	39,150	36,700	34,000	29,850	23,950
40	Me.HP	3.4	6.2	8.6	13.3	14.8	16.5	18.8	22.9
	Th.HP Std	1.9	3.5	4.7	7.5	6.9	7.2	7.5	7.7
	Th.HP Fan	2.9	5.3	7.1	11.3	10.4	10.8	11.3	11.6
	Efficiency	64	66	70	75	76	78	79	79
	O.T. / Shaft	48,000	45,150	44,250	37,950	34,450	32,650	28,500	22,800
50	Me.HP	2.8	5.0	6.9	10.7	11.9	13.2	15.1	18.4
	Th.HP Std	1.6	2.8	3.9	5.4	5.7	6.0	6.4	6.9
	Th.HP Fan	2.4	4.2	5.9	8.1	8.6	9.0	9.6	10.4
	Efficiency	57	63	67	73	74	75	76	76
	O.T. / Shaft	44,000	43,450	42,500	37,150	33,750	31,400	27,550	22,050
60	Me.HP	2.3	4.2	5.8	8.9	9.9	11.0	12.6	15.4
	Th.HP Std	1.3	2.4	3.3	4.8	5.0	5.3	5.8	6.2
	Th.HP Fan	2.0	3.6	5.0	7.2	7.5	8.0	8.7	9.3
	Efficiency	56	62	64	69	71	72	73	73
	O.T. / Shaft	42,650	43,100	40,950	35,050	32,300	30,150	26,500	21,250
70	Me.HP	2.0	3.6	5.0	7.6	8.5	9.5	10.8	13.2
	Th.HP Std	1.1	2.0	2.8	4.3	4.7	5.0	5.4	5.5
	Th.HP Fan	1.7	3.0	4.2	6.5	7.1	7.5	8.1	8.3
	Efficiency	55	61	63	68	70	71	72	72
	O.T. / Shaft	42,450	42,400	40,550	34,400	31,900	29,950	26,100	21,000

Key: Me.HP = Mech. Input Power (HP)
O.T. / Shaft = Output Torque (Lb.-in) per shaft

Th.HP Std = Ther. Input Power - No Fan
Th.HP Fan = Ther. Input Power - Fan