

0107

DuoDrive Size D30 (expanded rating table)

Reducer Size		6.00 Inch (Center Distance at Output Shafts)							
30		Worm RPM							
Ratio to 1		100	200	300	580	720	870	1150	1750
5	Me.HP	2.4	4.5	6.4	10.7	12.2	13.6	15.8	19.9
	Th.HP Std	1.6	2.4	3.0	4.3	4.8	5.1	5.5	6.0
	Th.HP Fan								
	Efficiency	89	90	91	91	91	92	92	92
	O.T. / Shaft	5,950	5,600	5,350	4,650	4,300	4,000	3,500	2,900
10	Me.HP	1.6	2.9	4.1	7.0	8.2	9.3	10.9	13.6
	Th.HP Std	1.1	2.0	2.8	3.8	4.1	4.3	4.6	4.9
	Th.HP Fan								
	Efficiency	83	85	86	87	87	89	90	90
	O.T. / Shaft	7,350	6,800	6,500	5,800	5,500	5,250	4,750	3,900
15	Me.HP	1.1	2.0	2.9	5.0	5.8	6.6	7.7	9.6
	Th.HP Std	0.8	1.4	2.0	3.3	3.5	3.6	3.8	4.0
	Th.HP Fan								
	Efficiency	79	81	82	85	85	87	88	88
	O.T. / Shaft	7,200	6,700	6,600	6,100	5,700	5,500	4,900	4,000
20	Me.HP	0.9	1.6	2.2	3.8	4.5	5.1	6.0	7.4
	Th.HP Std	0.6	1.1	1.5	2.6	3.1	3.3	3.4	3.5
	Th.HP Fan								
	Efficiency	75	77	78	83	83	83	84	85
	O.T. / Shaft	7,450	6,800	6,350	6,000	5,750	5,400	4,850	4,000
25	Me.HP	0.7	1.3	1.8	3.1	3.6	4.1	4.8	6.0
	Th.HP Std	0.5	0.9	1.2	2.1	2.5	2.8	2.8	2.9
	Th.HP Fan								
	Efficiency	71	75	77	81	81	83	84	84
	O.T. / Shaft	6,850	6,750	6,400	6,000	5,600	5,400	4,850	4,000
30	Me.HP	0.6	1.1	1.5	2.6	3.0	3.4	4.1	5.1
	Th.HP Std	0.4	0.8	1.0	1.8	2.1	2.4	2.6	2.6
	Th.HP Fan								
	Efficiency	68	70	72	75	75	79	80	80
	O.T. / Shaft	6,750	6,400	6,000	5,600	5,200	5,150	4,750	3,900
40	Me.HP	0.5	0.8	1.2	2.0	2.3	2.6	3.1	3.8
	Th.HP Std	0.3	0.6	0.8	1.4	1.6	1.8	2.1	2.4
	Th.HP Fan								
	Efficiency	61	63	67	72	75	75	76	76
	O.T. / Shaft	6,750	5,600	5,950	5,500	5,300	4,950	4,550	3,650
50	Me.HP	0.4	0.7	0.9	1.6	1.9	2.1	2.5	3.1
	Th.HP Std	0.3	0.5	0.7	1.1	1.3	1.4	1.7	2.1
	Th.HP Fan								
	Efficiency	54	60	64	70	70	72	73	73
	O.T. / Shaft	6,000	5,800	5,300	5,350	5,100	4,800	4,400	3,600
60	Me.HP	0.3	0.6	0.8	1.3	1.6	1.8	2.1	2.6
	Th.HP Std	0.2	0.4	0.6	0.9	1.1	1.2	1.4	1.8
	Th.HP Fan								
	Efficiency	53	59	61	66	66	69	70	70
	O.T. / Shaft	5,300	5,900	5,400	4,900	4,900	4,750	4,250	3,450

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