

Kv 945.00 DeWalt 24v
Kt 1.46 Computed from rated torque@rated stall
Arm Res 0.18 Computed from measured stall amps from Steve Bueschler
No Load Current 3.00
Kv * Kt **1374.98**
Max Volts 24.00

	Amps	Torque	RPM	Power In	Power Out	Efficiency	HP
	3.00	0	22680	72	0.00	0%	0.000
	6.00	4.365	21672	144	68.80	48%	0.092
	8.00	7.275	21336	192	112.89	59%	0.151
	10.00	10.185	21000	240	155.56	65%	0.209
	12.00	13.095	20664	288	196.80	68%	0.264
	14.00	16.005	20328	336	236.62	70%	0.317
	16.00	18.915	19992	384	275.02	72%	0.369
	18.00	21.825	19656	432	312.00	72%	0.418
	20.00	24.735	19320	480	347.56	72%	0.466
	22.00	27.645	18984	528	381.69	72%	0.512
	24.00	30.555	18648	576	414.40	72%	0.555
	26.00	33.465	18312	624	445.69	71%	0.597
	28.00	36.375	17976	672	475.56	71%	0.637
	30.00	39.285	17640	720	504.00	70%	0.676
	32.00	42.195	17304	768	531.02	69%	0.712
	34.00	45.105	16968	816	556.62	68%	0.746
	36.00	48.015	16632	864	580.80	67%	0.779
	38.00	50.925	16296	912	603.56	66%	0.809
	40.00	53.835	15960	960	624.89	65%	0.838
	42.00	56.745	15624	1008	644.80	64%	0.864
	44.00	59.655	15288	1056	663.29	63%	0.889
	46.00	62.565	14952	1104	680.36	62%	0.912
	48.00	65.475	14616	1152	696.00	60%	0.933
	50.00	68.385	14280	1200	710.22	59%	0.952
	52.00	71.295	13944	1248	723.02	58%	0.969
	54.00	74.205	13608	1296	734.40	57%	0.984
	56.00	77.115	13272	1344	744.36	55%	0.998
	58.00	80.025	12936	1392	752.89	54%	1.009
	60.00	82.935	12600	1440	760.00	53%	1.019
	62.00	85.845	12264	1488	765.69	51%	1.026
	64.00	88.755	11928	1536	769.96	50%	1.032
	66.00	91.665	11592	1584	772.80	49%	1.036
Peak	68.00	94.575	11256	1632	774.22	47%	1.038
	70.00	97.485	10920	1680	774.22	46%	1.038
	72.00	100.395	10584	1728	772.80	45%	1.036
	74.00	103.305	10248	1776	769.96	43%	1.032
	76.00	106.215	9912	1824	765.69	42%	1.026
	78.00	109.125	9576	1872	760.00	41%	1.019
	80.00	112.035	9240	1920	752.89	39%	1.009
	82.00	114.945	8904	1968	744.36	38%	0.998
	84.00	117.855	8568	2016	734.40	36%	0.984
	86.00	120.765	8232	2064	723.02	35%	0.969
	88.00	123.675	7896	2112	710.22	34%	0.952
	90.00	126.585	7560	2160	696.00	32%	0.933

	92.00	129.495	7224	2208	680.36	31%	0.912
	94.00	132.405	6888	2256	663.29	29%	0.889
	96.00	135.315	6552	2304	644.80	28%	0.864
	98.00	138.225	6216	2352	624.89	27%	0.838
	100.00	141.135	5880	2400	603.56	25%	0.809
	102.00	144.045	5544	2448	580.80	24%	0.779
	104.00	146.955	5208	2496	556.62	22%	0.746
	106.00	149.865	4872	2544	531.02	21%	0.712
	108.00	152.775	4536	2592	504.00	19%	0.676
	110.00	155.685	4200	2640	475.56	18%	0.637
	112.00	158.595	3864	2688	445.69	17%	0.597
	114.00	161.505	3528	2736	414.40	15%	0.555
	116.00	164.415	3192	2784	381.69	14%	0.512
	118.00	167.325	2856	2832	347.56	12%	0.466
Rated Stall	120.00	170.235	2520	2880	312.00	11%	0.418
	122.00	173.145	2184	2928	275.02	9%	0.369
	124.00	176.055	1848	2976	236.62	8%	0.317
	126.00	178.965	1512	3024	196.80	7%	0.264
	128.00	181.875	1176	3072	155.56	5%	0.209
	130.00	184.785	840	3120	112.89	4%	0.151
	132.00	187.695	504	3168	68.80	2%	0.092
	134.00	190.605	168	3216	23.29	1%	0.031
Measured Stall	135.00	192.0561	0	3239.935	0.06	0%	0.000