

DIANAMIC® WHEEL SPEED CONVERSION TABLE

Surface Speed in Feet Per Minute (SFPM) Converted to Rotational Speed (RPM)

ROTATIONAL VELOCITY MATRIX (RPM)

WHEEL DIAM. (INCHES)	4,000 SFPM	4,500 SFPM	5,000 SFPM	5,500 SFPM	6,000 SFPM	6,500 SFPM	7,000 SFPM	7,500 SFPM	8,000 SFPM	9,000 SFPM	10,000 SFPM	12,000 SFPM
1"	15,279	17,189	19,098	21,008	22,918	24,828	26,737	28,647	30,558	34,377	38,196	45,836
2"	7,639	8,594	9,549	10,504	11,459	12,414	13,368	14,328	15,278	17,188	19,098	22,918
3"	5,093	5,729	6,366	7,003	7,639	8,276	8,913	9,549	10,186	11,459	12,732	15,278
4"	3,820	4,297	4,775	5,252	5,729	6,207	6,685	7,162	7,640	8,595	9,549	11,459
5"	3,056	3,438	3,820	4,202	4,584	4,966	5,348	5,730	6,112	6,876	7,640	9,550
6"	2,546	2,865	3,183	3,501	3,820	4,138	4,456	4,775	5,092	5,729	6,366	7,639
7"	2,183	2,455	2,728	3,001	3,274	3,547	3,820	4,092	4,366	4,911	5,456	6,548
8"	1,910	2,148	2,387	2,626	2,865	3,103	3,342	3,580	3,820	4,297	4,775	5,729
10"	1,528	1,719	1,910	2,101	2,292	2,483	2,674	2,865	3,056	3,438	3,820	4,584
12"	1,273	1,432	1,591	1,751	1,910	2,069	2,228	2,386	2,546	2,864	3,183	3,820
14"	1,091	1,228	1,364	1,500	1,637	1,773	1,910	2,046	2,182	2,455	2,728	3,274
16"	955	1,074	1,194	1,313	1,432	1,552	1,672	1,791	1,910	2,149	2,387	2,865
18"	849	955	1,061	1,167	1,273	1,379	1,485	1,591	1,698	1,910	2,122	2,546
20"	764	859	955	1,050	1,146	1,241	1,337	1,432	1,528	1,719	1,910	2,292
24"	637	716	796	875	955	1,034	1,115	1,194	1,274	1,433	1,591	1,910
30"	509	573	637	700	764	828	891	955	1,018	1,146	1,274	1,528
36"	424	477	530	583	637	690	742	795	848	954	1,061	1,273
40"	382	430	478	525	573	620	669	716	764	812	956	1,146
48"	318	358	398	438	478	517	558	597	636	716	796	956
60"	255	287	319	350	387	414	446	478	510	574	638	795

Mechanical Conversion Formula: $RPM = (SFPM \times 12) / (\pi \times Wheel\ Diameter) \approx (SFPM \times 3.82) / Wheel\ Diameter$

Manufactured in Troy, Michigan USA with 100% US labor and globally sourced materials.

Email: info@dianamic.com • Web: www.dianamic.com • Tel: +1 248 280 1185 • Fax: +1 248 280 2733

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