

DUROFLOW



→ DuroFlow iki loblu, 110 m³/h'den 7.000 m³/h'e kadar hava kapasitesine, 1 bar basınç, 0.5 bar vakum yapabilecek 3 değişik serisi olan positif deplasmanlı blower/vakum pompasıdır.

DuroFlow blower/vakum pompaları kompakt tasarımıyla en iyi performansı sağlar. Tasarımları daha iyi performans seviyelerini yakalamak ve enerji tasarruf verimini artırma yolunda geliştirilmektedir.

Gelişmiş tasarımları sayesinde, yatay veya dikey ve her iki yönde çevirilebilir montaj çeşidi vardır. DuroFlow'lar ağır şartlarda çalışacak rulman ve sertleştirilmiş, işlenmiş çelik dişliler ile donatılmıştır.

KULLANIM ALANLARI

- Atıksu Arıtma Tesisleri
- Çamur Çürütme Tankları
- Filtre Geri Yıkama
- Yerel ve Endüstriyel Havuz Havalandırması
- Hava ile Yüzdürme İşlemleri
- Vakum Sistemleri
- Hava Bıçağı Sıyırma Sistemleri
- Pnömatik Taşıma Sistemleri

→ DuroFlow, which has 3 different series, is a two lobe positive displacement blower/vacuum pump having volumetric flow from 110 m³/h to 7.000 m³/h and capable of up to 1 bar pressure and 0.5 bar dry vacuum. DuroFlow positive displacement blowers/vacuum pumps offer premium performance in a compact design. Its design continues to be improved upon to attain even higher levels of performance and energy saving efficiency. With its advanced design, DuroFlow can be mounted horizontally or vertically and rotated in either direction for maximum versatility.

These blowers feature heavy duty bearings and hardened, forged steel gears.

APPLICATIONS

- Wastewater Treatment Plants
- Sludge Digester Tanks
- Filter Backwashing
- Municipal or Industrial Pond Aeration
- Air Floatation Processes
- Vacuum Systems
- Air Knife Stripping
- Pneumatic Conveying

BLOWER MODEL	Bağlantı Connection	Devir Speed d/d rpm	BASINÇ / PRESSURE											
			275 mbar		400 mbar		550 mbar		690 mbar		800 mbar		1030 mbar	
			m ³ /h	kW	m ³ /h	kW	m ³ /h	kW	m ³ /h	kW	m ³ /h	kW	m ³ /h	kW
3004	2 1/2" NPT	2,950	160	1.9	144	2.8	133	3.6	122	4.5	112	5.3		
		3,550	206	2.3	190	3.4	178	4.4	168	5.4	158	6.5	144	8.0
		4,000	240	2.7	226	3.9	212	5.1	202	6.2	192	7.4	178	9.2
3006	3" NPT	2,950	248	2.8	226	4.0	209	5.4	194	6.6	178	8.0		
		3,550	316	3.4	296	5.0	279	6.6	262	8.1	248	9.7	229	12.0
		4,000	369	3.9	348	5.7	330	7.5	314	9.2	301	11.0	280	13.6
4504	4" NPT	1,750	223	2.6	199	3.9	177	5.2	160	6.5	143	7.7		
		2,950	452	4.8	426	6.9	406	9.0	387	11.2	370	13.3	348	16.5
		4,000	651	6.9	627	9.8	605	12.7	588	15.6	571	18.6	549	22.9
4506	4" NPT	1,750	338	3.9	302	5.8	272	7.7	245	9.6	221	11.5		
		2,950	681	6.9	646	10.1	615	13.3	588	16.5	562	19.7	530	24.6
		4,000	980	9.8	945	14.2	914	18.6	887	22.9	863	27.3	831	33.8
4509	5" NPT	1,750	527	5.8	477	8.7	435	11.5	399	14.5	365	17.3		
		2,950	1,041	10.1	992	14.9	950	19.7	912	24.6	878	29.4	834	36.7
		4,000	1,490	14.2	1,441	20.8	1,398	27.3	1,363	33.8	1,329	40.4	1,283	50.2
4512	6" NPT	1,750	725	7.7	663	11.5	612	15.3	566	19.2	525	23.0	0	0.0
		2,950	1,410	13.3	1,349	19.7	1,296	26.2	1,250	32.6	1,210	39.1	1,154	48.7
		4,000	2,010	18.6	1,947	27.3	1,896	36.1	1,850	44.8	1,809	53.5	1,753	66.6
4518	DN200 F	1,750	1,157	11.9	1,081	17.7	1,016	23.3	960	29.1				
		2,950	2,185	21.4	2,108	31.1	2,044	40.7	1,988	50.4				
		4,000	3,084	31.4	3,007	44.4	2,943	57.5	2,887	70.6				
7009	6" NPT	1,500	1,057	11.8	957	17.5	872	23.2	797	29.0	729	34.8		
		1,800	1,358	14.2	1,257	21.2	1,172	28.1	1,098	34.9	1,030	41.9	938	52.2
		2,650	2,209	21.8	2,108	32.0	2,024	42.1	1,949	52.3	1,882	62.4	1,791	77.7
7012	DN200 F	1,500	1,449	15.6	1,324	23.4	1,216	31.1	1,121	38.7	1,036	46.5		
		1,800	1,852	18.9	1,726	28.2	1,619	37.4	1,524	46.6	1,439	55.9	1,324	69.7
		2,650	2,994	28.7	2,866	42.3	2,759	56.2	2,666	69.5	2,581	83.1	2,465	103.5
7015	DN200 F	1,500	1,849	19.4	1,702	28.9	1,578	38.4	1,471	48.1	1,373	57.6		
		1,800	2,348	23.4	2,202	34.9	2,078	46.3	1,971	57.7	1,872	69.2	1,740	86.4
		2,650	3,763	35.2	3,617	52.1	3,493	69.0	3,386	85.8	3,288	102.7	3,155	128.0
7018	DN250 F	1,500	2,246	23.2	2,074	34.8	1,930	46.3	1,803	57.7	1,687	69.3	1,532	86.5
		1,800	2,848	28.1	2,676	41.9	2,532	55.7	2,404	69.4	2,289	83.3	2,134	103.9
		2,650	4,552	42.1	4,380	62.4	4,236	82.8	4,108	103.0	3,993	123.4	3,838	153.8
7023	DN300 F	1,500	2,904	31.2	2,691	45.9	2,513	60.6	2,355	75.3	2,214	90.1		
		1,800	3,673	38.4	3,461	56.0	3,282	73.7	3,124	91.3	2,983	109.0		
		2,600	5,726	60.2	5,513	85.7	5,335	111.2	5,177	136.7	5,036	162.2		
7028	DN300 F	1,500	3,558	38.3	3,303	56.2	3,089	74.1	2,900	92.1				
		1,800	4,496	47.2	4,241	68.7	4,027	90.2	3,838	111.8				
		2,600	6,996	74.7	6,742	105.8	6,528	136.9	6,339	168.0				

BLOWER MODEL	Bağlantı Connection	Devir Speed d/d rpm	VAKUM / VACUUM															
			135 mbar		200 mb		270 mbar		340 mbar		400 mbar		475 mbar		500mbar		550 mbar	
			m ³ /h	kW	m ³ /h	kW	m ³ /h	kW	m ³ /h	kW	m ³ /h	kW	m ³ /h	kW	m ³ /h	kW	m ³ /h	kW
3004	2 1/2" NPT	2,950	177	1.0	163	1.4	150	1.9	136	2.2	122	2.7			180	4.7		
		3,550	223	1.3	209	1.8	195	2.3	182	2.8	168	3.4	153	3.8				
		4,000	257	1.5	243	2.1	229	2.7	216	3.3	202	3.8	187	4.4				
3006	3" NPT	2,950	270	1.4	251	2.1	233	2.7	214	3.4	194	4.0	173	4.6				
		3,550	340	1.8	321	2.6	302	3.4	284	4.1	263	4.9	241	5.7	231	6.0		
		4,000	392	2.1	372	3.0	353	3.9	335	4.7	316	5.6	294	6.5	282	6.9		
4504	4" NPT	1,750	250	1.3	228	1.9	206	2.6	183	3.2	160	3.9					535	12.6
		2,950	479	2.5	455	3.6	433	4.7	411	5.7	389	6.8	364	7.8	350	8.3		
		4,000	678	3.9	656	5.4	634	6.9	612	8.3	588	9.7	564	11.1	550	11.8		
4506	4" NPT	1,750	379	1.9	345	2.9	313	3.9	280	4.8	246	5.7					810	18.3
		2,950	720	3.6	688	5.2	656	6.8	624	8.3	590	9.9	552	11.5	532	12.3		
		4,000	1,021	5.4	987	7.5	955	9.7	923	11.8	889	14.0	853	16.1	833	17.2		
4509	5" NPT	1,750	583	2.9	537	4.3	493	5.7	449	7.2	401	8.6	350	9.9			1,257	26.8
		2,950	1,096	5.2	1,050	7.6	1,006	9.9	962	12.3	916	14.7	865	17.1	838	18.3		
		4,000	1,546	7.5	1,500	10.8	1,456	14.0	1,412	17.2	1,364	20.4	1,313	23.6	1,286	25.3		
4512	6" NPT	1,750	793	3.9	736	5.7	681	7.6	627	9.5	569	11.3	506	13.3			1,721	35.5
		2,950	1,478	6.8	1,420	9.9	1,366	13.1	1,312	16.2	1,254	19.4	1,191	22.6	1,157	24.1		
		4,000	2,078	9.7	2,020	14.0	1,966	18.3	1,911	22.6	1,854	26.8	1,791	31.1	1,757	33.3		
4518	DN200 F	1,750	1,242	6.0	1,171	8.9	1,104	11.7	1,036	14.5	963	17.3	885	20.1	843	21.5	2,725	56.6
		2,950	2,270	11.5	2,199	16.3	2,132	21.0	2,063	25.8	1,991	30.5	1,913	35.2	1,871	37.6		
		4,000	3,169	18.0	3,097	24.4	3,031	31.5	2,963	37.3	2,890	43.7	2,812	50.1	2,769	53.4		
7009	6" NPT	1,500	1,167	5.9	1,074	8.7	985	11.5	897	14.4	802	17.2	700	20.0	1,798	38.9	1,738	41.4
		1,800	1,468	7.2	1,374	10.7	1,286	14.0	1,198	17.4	1,103	20.8	1,001	24.2				
		2,650	2,319	11.5	2,227	16.5	2,139	21.5	2,049	26.4	1,956	31.4	1,852	36.4				
7012	DN200 F	1,500	1,589	7.8	1,471	11.6	1,361	15.4	1,247	19.1	1,130	22.9	1,001	26.7			2,399	54.9
		1,800	1,991	9.5	1,874	14.1	1,764	18.6	1,650	23.2	1,532	27.7	1,403	32.3	1,332	34.5		
		2,650	3,133	14.8	3,016	21.5	2,904	28.2	2,776	34.9	2,673	41.6	2,543	48.3	2,474	51.6		
7015	DN200 F	1,500	2,008	9.7	1,874	14.4	1,745	19.0	1,616	23.7	1,478	28.4	1,330	33.1			3,079	67.8
		1,800	2,508	11.7	2,374	17.4	2,244	22.9	2,115	28.6	1,978	34.3	1,830	39.9	1,748	42.7		
		2,650	3,923	18.0	3,789	26.4	3,660	34.6	3,531	42.9	3,393	51.2	3,245	59.5	3,164	63.6		
7018	DN250 F	1,500	2,433	11.5	2,277	17.2	2,125	22.9	1,973	28.5	1,813	34.2	1,638	39.8			3,746	81.4
		1,800	3,034	14.0	2,878	20.8	2,727	27.6	2,574	34.3	2,414	41.1	2,239	47.9	2,144	51.3		
		2,650	4,739	21.5	4,582	31.4	4,431	41.4	4,278	51.4	4,118	61.4	3,943	71.4	3,848	76.4		
7023	DN300 F	1,500	3,138	16.2	2,943	23.5	2,756	30.7	2,565	37.9	2,367	45.1	2,151	52.4			4,730	109.4
		1,800	3,908	20.4	3,712	29.1	3,525	37.7	3,335	46.4	3,136	55.1	2,921	63.8	2,803	68.1		
		2,60																