



Double Suction Pumps DS/DSN



DS Model.



DSN Model.

Applications

- 프로세스용 Process
- 석유화학용 Petrochemical industry
- 제지공업용 Pulp & Paper
- 일반 산업용 General Industry
- 선박용 Marine

Feature

- 양흡입 디자인
Double suction Design.
- 축 밸런스 보장
Assurance axial balance.
- 상하분리형 케이싱
Horizontally split casing.
- 검사 및 정비 용이
Easy inspection and repair.
- 축방향 쓰러스트 하중 상쇄
Offset axial thrust load.
- 케이싱 마모 방지 및 손쉬운 교체
Easily replaced, protect.
- API standard 610 규격 준수 (API 610 Code: BB1)
API standard 610 (API Code: BB1)

Ratings

Capacity	Up to 400 m ³ /min (105,669 US GPM)
Head	Up to 400 m (1,312ft)
Discharge Pressure	Up to 40 kgf/cm ² (568 PSIG)
Allowable Suction Pressure	Up to 20 kgf/cm ² (284 PSIG)
Impeller Type	Enclosed
Temperature	-50°C ~ 150°C (-58°F ~ 302°F)
Flanges	ANSI, other standards also available
Materials	According th API610 Material code

Specification

Model DSN							
Size	Model	Capacity (m ³ /min)	Head (m)	Power (kW)	Revolution (rpm)		
200 × 200	2020 4C 1	3.1/5.6	1.6 / 1.8	15	1750		
	2	3.4/5.6	1.8 / 1.3	18.5			
	3	3.4/5.6	19.5/15	22			
	2020 6C	2.2/3.6	8.5/6.5	7.5	1180		
	200 × 150	2015 4D 1	2.9/4.0	2.0 / 1.8	18.5	1750	
		2	3.1/5.6	2.2 / 1.6	22		
3		3.2/5.6	2.8 / 2.2	30			
4		4.0/5.6	3.0 / 2.6	37			
2015 6D 1		2.1/3.8	10.7/7.5	7.5	1180		
2		2.2/4.0	14/10.5	11	1750		
2015 4E 1		2.9/3.9	3.2 / 3.0	30			
2		3.1/5.6	3.5 / 2.8	37			
3		3.4/5.6	4.1 / 3.4	45			
2015 6E 1		2.0/3.8	15/11.5	11	1180		
2		2.1/3.8	2.0 / 1.6	15			
3		2.2/4.0	2.2 / 1.8	18.5			
4	2.3/4.0	2.5 / 2.1	22				
250 × 250	2015 4F 1	3.2/5.6	6.0 / 5.2	75	1750		
	2	3.2/5.6	7.7 / 6.4	93			
	3	3.4/5.2	9.2 / 8.3	110			
	2015 4G	3.5/5.6	10.0/9.0	132			
	2015 6F 1	2.3/3.6	2.6 / 2.2	22	1180		
	2	2.2/4.0	3.3 / 2.7	30			
	3	2.3/4.2	4.0 / 3.3	37			
	2015 6G	2.4/4.2	4.3 / 3.6	45			
	250 × 150	2525 4C 1	5.0/9.0	1.7 / 1.3	30	1750	
		2	5.0/7.0	2.1 / 2.0	37		
		3	5.0/7.0	2.3 / 1.8	45		
		2525 6C 1	4.1/5.3	9 / 8	11		
250 × 200		2520 4D 1	6 / 8	2.2 / 2.0	37	1750	
		2	6 / 9	2.6 / 2.1	45		
		3	6.5 / 9	3.3 / 2.7	55		
		4	6.5 / 9	10.9 / 5	75		
		250 × 300	2520 6D 1	4 / 4.7	1.2 / 1.0	11	1180
			2	4 / 6.2	1.5 / 1.2	15	
			3	4.1/6.2	4.0 / 3.5	18.5	
			2520 4E 1	6 / 9	5.0 / 4.5	75	
	250 × 400		2520 6E 1	4 / 5.2	1.7 / 1.5	18.5	1180
			2	4.2 / 6	2.2 / 1.9	22	
			3	4 / 6	2.7 / 2.3	30	
			4	4.2 / 6	6.5 / 5.8	37	
250 × 500			2515 4F 1	6 / 8	7.2 / 6.2	110	1750
			2	6 / 9	8.5 / 7.5	132	
			3	6 / 9	9.8 / 8.6	160	
			4	6 / 9	2.8 / 2.4	190	
		250 × 600	2515 6F 1	4.6 / 6	3.3 / 2.9	37	1180
			2	4 / 6	4.2 / 3.7	45	
			3	4 / 5.8	11.8 / 11.6	45	
			2515 4G 1	3.9/5.5	11.8/10.4	160	
	250 × 800		2515 6G 1	2.7/4.5	5.0 / 4.2	55	1180
			2	2.7/6.3	12.3/12.0	75	
			2515 4H 1	4 / 5	12.3/11.0	190	
			2	4 / 7	13.7/11.0	220	
300 × 300			3030 4C 1	9.2/13	18.5/13	45	1750
			2	9.4/13	22/16.5	55	
			3030 6C 1	6.2/8.5	9 / 6.5	15	
			2	6.2/8.5	9.5 / 7	18.5	
		300 × 400	3025 4D 1	9.3/13	2.4 / 1.7	55	1750
			2	9 / 1.3	3.0 / 2.4	75	
			3	9.3/13	3.5 / 2.9	93	
			4	9.4/13	3.8 / 3.2	110	
	300 × 500		3025 6D 1	6 / 8.5	1.0 / 0.8	18.5	1180
			2	6 / 8.5	1.2 / 1.0	22	
			3	6.2 / 9	1.6 / 1.2	30	
			4	6.2 / 9	1.7 / 1.3	37	
300 × 600			3025 4E 1	9.5/13	4.4 / 3.7	110	1750
			2	9.5/13	5.0 / 4.4	132	
			3	9.5/13	6.0 / 5.3	160	
			4	9.5/13	6.5 / 5.8	190	

Model DSN							
Size	Model	Capacity (m ³ /min)	Head (m)	Power (kW)	Revolution (rpm)		
300 × 250	3025 4E 1	9.5/13	4.4 / 3.7	110	1750		
	2	9.5/13	5.0 / 4.4	132			
	3	9.5/13	6.0 / 5.3	160			
	300 × 350	3025 6E 1	6 / 7	1.8 / 1.7	30	1180	
		2	6 / 9	2.0 / 1.6	37		
		3	6 / 9	2.4 / 2.1	45		
4		6 / 9	2.9 / 2.5	55			
300 × 450		3020 4F 1	9 / 1.3	7.0 / 6.7	190	1750	
		2	9 / 1.3	8.0 / 7.3	220		
		3	9 / 1.3	8.8 / 8.3	260		
		4	9 / 1.3	9.8 / 9.3	300		
		300 × 550	3020 4G 1	7.7/11	11.7/10.6	300	1180
			2	7.7/13	11.7/10.2	350	
			3020 6G 1	5.5/8.3	4.8 / 4.5	90	
			2	5.8 / 9	4.8 / 4.3	110	
	350 × 350		3020 4H 1	9.5/12	11.7/11.0	300	1750
			2	10/13	12.3/11.5	400	
			3	10/13	14.0/13.5	450	
			4	8/12.5	17.0/15.3	500	
350 × 450			3020 6H 1	6.5/9	5.2 / 4.7	110	1180
			2	6.5/9	6.0 / 5.7	132	
			3	5/9.6	7.5 / 6.5	160	
			4	5.5/10	8.7 / 7.7	190	
		350 × 550	3535 6B 1	9 / 1.6	1.0 / 0.7	22	1180
			2	9 / 1.6	1.2 / 0.9	27	
			3530 6D 1	9 / 1.4	1.9 / 1.5	55	
			2	9 / 1.6	2.1 / 1.6	75	
	400 × 400		3525 6E 1	9 / 1.6	2.5 / 2.0	93	1180
			2	9 / 1.7	2.8 / 2.4	93	
			3525 6F 1	9 / 1.6	3.5 / 3.2	110	
			2	9 / 1.8	3.8 / 3.2	150	
400 × 500			4035 6D 1	18/21	2.2 / 1.6	75	1180
			2	18/21	2.6 / 2.0	93	
			3	18/21	2.8 / 2.1	110	
			4030 6E 1	18/22	3.1 / 2.5	150	
		450 × 400	4540 6C 1	22/28	4.5 / 3.3	220	1180
			2	22/28	1.9 / 1.5	110	
			2	22/28	2.2 / 1.8	150	
			2	22/30	2.5 / 2.0	150	
	450 × 500		4535 6E 1	9 / 1.7	2.8 / 2.4	93	1180
			2	9 / 1.8	2.4 / 2.8	110	
			3	9 / 1.8	3.8 / 3.2	150	
			3	9 / 1.8	5.0 / 4.3	190	
500 × 450			5045 8C 1	22/34	15.9 / 5	75	880
			2	22/36	1.7 / 1.1	93	
			3	24/36	2.0 / 1.4	110	
			2	24/36	2.0 / 1.4	150	
		500 × 550	5045 8D 1	24/36	2.0 / 1.4	150	1180
			2	20/36	2.0 / 1.4	150	
			3	30/40	2.6 / 2.0	190	
			2	30/40	3.0 / 2.4	220	
	500 × 650		5045 6D 1	30/40	3.8 / 3.0	260	1180
			2	30/40	4.5 / 3.6	300	
			3	30/40	5.2 / 4.3	370	

Model DS					
Size	Model	Capacity (m ³ /min)	Head (m)	Power (kW)	Revolution (rpm)
600	47	6	75	500	100
		8	100	580	
		12	150	580	
		14	188	700	
600 × 500	50	22	263	580	120-125
		32	375	700	
		42	525	880	
		5	75	435	
700	64	8	150	500	130
		12	225	580	
		15	263	580	
		25	450	495	
700 × 600	70	35	600	580	120-125
		45	750	700	
		5	110	385	
		8	150	435	
800	84	11	225	500	130
		14	300	585	
		25	563	435	
		35	750	495	
800 × 650	90	45	975	580	160
		5	150	330	
		8	225	380	
		10	263	420	
900	110	12	300	450	130
		14	375	480	
		6	225	320	
		8	263	370	
1000	130	10	300	400	130
		12	375	430	
		14	450	460	