



Shakti Monoblock Pumps

Single-Stage End-Suction
SNB & SMB Pumps Series 60Hz



Shakti Monoblock Pumpset

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INTRODUCTION

The SNB/SMB series is a multi-purpose pump range suitable for a variety of different applications demanding reliable and cost-efficient supply.

APPLICATION

SNB/SMB pumps are used in four main fields of application:

- Water Supply
- Industrial pressure boosting
- Industrial liquid transfer
- Irrigation.

PERFORMANCE TABLE

S. NO	PH.	PRODUCT CODE			MODEL	SUC.X DEL. (mm)	H.P.	DUTY		HEAD RANGE IN (m)	DISCHARGE				
								HEAD IN (m)	DISCH. IN (LPS)		LPS	0.5	1.0	1.2	1.5
											LPM	30	60	70	90
											M ³ /HR	1.8	3.6	4.2	5.4
1	3	SS	SMB	9000030211	25-160	25X25	1	18	1	15-24	HEAD (m)	24.0	18.0	15.0	
2	3	SS	SMB	9000030212	25-160	25X25	1	25	1.2	22-27		27.0	26.0	25.0	22.0

S. NO	PH.	PRODUCT CODE			MODEL	SUC.X DEL. (mm)	H.P.	DUTY		HEAD RANGE IN (m)	DISCHARGE											
								HEAD IN (m)	DISCH. IN (LPS)		LPS	3.0	3.5	4.0	5.0	6.0	6.5	7.5	8.5	10.0	11.7	13.5
											LPM	180	210	240	300	360	390	450	510	600	700	810
											M³/HR	10.8	12.6	14.4	18.0	21.6	23.4	27.0	30.6	36.0	42.0	48.6
3	3	SS	SMB	9000030213	32-160.1	50X40	4	28	5	26-32	HEAD (m)	32.0	31.0	30.0	28.0	26.0						
4	3	SS	SMB	9000030214	40-160	50X50	4	27	6.5	23-31			31.0	30.0	29.0	28.0	27.0	25.0	23.0			
5	3	SS	SMB	9000030215	40-160	65X65	4	21	10	14-29					29.0	27.0	26.0	25.0	24.0	21.0	17.0	14.0

S. NO	PH.	PRODUCT CODE			MODEL	SUC. X DEL. (mm)	H.P.	DUTY		HEAD RANGE IN (m)	DISCHARGE										
								HEAD IN (m)	DISCH. IN (LPS)		LPS	5.0	6.5	7.5	8.5	10.0	10.5	11.0	11.5	12.5	14.0
											LPM	300	390	450	510	600	630	660	690	750	840
											M³/HR	18.0	23.4	27.0	30.6	36.0	37.8	39.6	41.4	45.0	50.4
6	3	SS	SMB	9000030216	40-160	50X50	5.5	36	8.5	32-40	HEAD (m)	40.0	39.0	37.0	36.0	33.0	32.0				
7	3	SS	SMB	9000030217	40-160	65X50	5.5	33	10	32-40		40.0	38.5	37.0	35.5	33.0	32.5	32.0			
8	3	SS	SMB	9000030218	40-160	65X65	5.5	29	11.5	18-40		40.0	38.0	37.0	36.0	33.0	31.0	30.0	29.0	27.0	18.0

S. NO	PH.	PRODUCT CODE			MODEL	SUC. X DEL. (mm)	H.P.	DUTY		HEAD RANGE IN (m)	DISCHARGE											
								HEAD IN (m)	DISCH. IN (LPS)		LPS	3.5	5.0	6.0	6.5	7.0	8.0	9.0	10.5	12.5	14.5	16.0
											LPM	210	300	360	390	420	480	540	630	750	870	960
											M³/HR	12.6	18.0	21.6	23.4	25.2	28.8	32.4	37.8	45.0	52.2	57.6
9	3	SS	SMB	9000030219	32-160.1	50X40	7.5	48	6	41-53	HEAD (m)	53.0	51.0	48.0	45.0	41.0						
10	3	SS	SMB	9000030220	32-160.1	50X50	7.5	46	6	27-53		53.0	50.0	46.0	42.0	38.0	33.0	27.0				
11	4	SS	SMB	9000030221	40-160	50X50	7.5	39	8	33-42			42.0	41.0	40.0	39.5	39.0	36.0	33.0			
12	3	SS	SMB	9000030222	40-160	65X65	7.5	29	12.5	21-40						40.0	37.0	35.5	34.0	29.0	25.0	21.0

S. NO	PH.	PRODUCT CODE			MODEL	SUC. X DEL. (mm)	H.P.	DUTY		HEAD RANGE IN (m)	DISCHARGE														
								HEAD IN (m)	DISCH. IN (LPS)		LPS	5.0	6.5	8.5	10.0	11.5	12.0	13.5	15.0	17.0	21.0	23.5	27.0	30.0	
											LPM	300	390	510	600	690	720	810	900	1020	1260	1410	1620	1800	
											M³/HR	18.0	23.4	30.6	36.0	41.4	43.2	48.6	54.0	61.2	75.6	84.6	97.2	108.0	
13	3	SS	SMB	9000030223	40-160	50X50	10	48	8.5	41-52	HEAD (m)	52.0	50.0	48.0	44.0	41.0									
14	3	SS	SMB	9000030224	40-160	65X65	10	40	12	20-50		50.0	48.0	46.0	43.0	41.0	40.0	30.0	20.0						
15	4	SS	SMB	9000030225	50-160	75X65	10	29	17	27-33					33.0	32.5	32.0	31.0	30.0	29.0	27.0				
16	3	SS	SMB	9000030226	65-125	100X75	10	22	27	21-25										25.0	24.5	24.0	22.0	21.0	

S. NO	PH.	PRODUCT CODE			MODEL	SUC. X DEL. (mm)	H.P.	DUTY		HEAD RANGE IN (m)	DISCHARGE																
								HEAD IN (m)	DISCH. IN (LPS)		LPS	3.5	5.0	7.0	8.0	9.0	10.0	11.0	12.0	12.5	13.0	14.0	20.0	23.0	26.7	30.0	31.0
											LPM	210	300	420	480	540	600	660	720	750	780	840	1200	1380	1600	1800	1860
											M³/HR	12.6	18.0	25.2	28.8	32.4	36.0	39.6	43.2	45.0	46.8	50.4	72.0	82.8	96.0	108.0	111.6
17	3	SS	SMB	9000030227	32-200	50X40	12.5	58	8	57-64	HEAD (m)	64.0	63.0	61.0	58.0	57.0											
18	3	SS	SMB	9000030228	32-200	50X50	12.5	53	8	38-62			62.0	59.0	53.0	52.0	49.0	46.0	38.0								
19	3	SS	SMB	9000030229	40-160	50X50	12.5	59	11	46-62				62.0	61.0	60.0	59.5	59.0	57.0	46.0							
20	3	SS	SMB	9000030230	40-160	65X50	12.5	55	13	53-61				61.0	60.0	59.0	58.0	57.0	56.5	56.0	55.0	53.0					
21	4	SS	SMB	9000030231	50-160	75X65	12.5	34	20	31-39							39.0	38.0	37.5	37.0	36.0	35.0	34.0	31.0			
22	3	SS	SMB	9000030232	65-125	100X75	12.5	25	30	24-27.5													27.5	27.0	26.0	25.0	24.0

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								HEAD IN (m)	DISCH. IN (LPS)		LPS	5.0	6.0	8.0	9.0	10.0	10.5	13.0	15.0	20.0	26.0	30.0	30.5	33.0	37.0	42.0	44.0	
											LPM	300	360	480	540	600	630	780	900	1200	1560	1800	1830	1980	2220	2520	2640	
											M³/HR	18.0	21.6	28.8	32.4	36.0	37.8	46.8	54.0	72.0	93.6	108.0	109.8	118.8	133.2	151.2	158.4	
23	3	SS	SNB	9000030233	32-200	50X40	18	72	9	69-82	HEAD (m)	82.0	80.0	75.0	72.0	70.0	69.0											
24	3	SS	SNB	9000030234	40-200	65X50	18	63	13	56-71				71.0	70.0	69.0	67.0	64.0	63.0	56.0								
25	3	SS	SNB	9000030235	40-200	65X65	18	61	13	41-70					70.0	69.0	67.0	65.0	61.0	57.0	41.0							
26	3	SS	SNB	9000030236	50-160	75X65	18	44	20	40-49							49.0	48.5	47.0	46.0	44.0	40.0						
27	3	SS	SNB	9000030237	65-125	100X75	18	34	30	31-36											36.0	35.0	34.0	33.0	32.0	31.0		
28	3	SS	SNB	9000030238	65-125	100X100	18	31	33	21-36											36.0	34.0	32.0	31.5	31.0	29.0	21.0	
29	3	SS	SNB	9000030239	65-160	75X75	18	36	26	25-38											38.0	36.0	32.0	25.0				
30	3	SS	SNB	9000030240	65-160	100X100	18	31	33	44-20											37.0	35.0	33.0	32.0	31.0	29.0	25.0	22.0

S. NO	PH.	PRODUCT CODE			MODEL	SUC. X DEL. (mm)	H.P.	DUTY		HEAD RANGE IN (m)	DISCHARGE																								
								HEAD IN (m)	DISCH. IN (LPS)		LPS	3.0	5.0	7.0	8.0	10.0	11.0	11.5	12.0	13.0	15.0	16.0	17.0	20.0	23.5	25.0	27.0	28.5	33.0	40.0	43.5	48.0	51.0		
											LPM	180	300	420	480	600	660	690	720	780	900	960	1020	1200	1410	1500	1620	1710	1980	2400	2610	2880	3060		
											M³/HR	10.8	18.0	25.2	28.8	36.0	39.6	41.4	43.2	46.8	54.0	57.6	61.2	72.0	84.6	90.0	97.2	102.6	118.8	144.0	156.6	172.8	183.6		
31	3	SS	SNB	9000030241	32-200	50X50	25	86	11	46-96	HEAD (m)			96.0	95.0	90.0	88.0	86.0	84.0	82.0	46.0														
32	3	SS	SNB	9000030242	32-200	65X50	25	83	12	68-95					95.0	90.0	88.0	86.0	84.0	83.0	72.0	70.0	68.0												
33	3	CI	SNB	9000030243	32-250	50X50	25	87	10	63-109				109.0	99.0	93.0	87.0	83.0	63.0																
34	3	CI	SNB	9000030244	32-250	65X50	25	93	8	83-115			115.0	109.0	103.0	93.0	83.0																		
35	3	SS	SNB	9000030245	40-200	65X50	25	81	13	76-88					88.0	87.0	86.0	85.5	85.0	83.0	81.0	78.0	77.0	76.0											
36	3	SS	SNB	9000021127	40-200	65X65	25	75	15	64-85						85.0	83.0	82.0	81.0	80.0	78.0	75.0	73.0	68.0	64.0										
37	3	SS	SNB	9000021128	50-160	75X65	25	56	23.5	46-63											63.0	62.5	62.0	61.0	60.0	56.0	52.0	50.0	46.0						
38	3	SS	SNB	9000030246	65-125	100X75	25	41	33	39-44															44.0	43.5	43.0	42.5	42.0	41.0	39.0				
39	3	SS	SNB	9000030247	65-125	100X100	25	36	40	27-41																		41.0	40.0	38.0	36.0	34.0	27.0		
40	3	SS	SNB	9000030248	65-160	100X75	25	39	33	36-42																	42.0	41.5	41.0	40.0	39.0	36.0			
41	3	SS	SNB	9000030249	65-160	100X100	25	39	33	36-42																	42.0	41.5	41.0	40.0	39.0	36.0			
42	3	CI	SNB	9000030250	80-160	125X100	25	31	40	25-36																	42.0	41.5	41.0	40.0	39.0	36.0			
43	3	CI	SNB	9000030251	80-160	125X125	25	30	40	23-33																		36.0	35.0	34.0	33.0	31.0	29.0	27.0	25.0

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								HEAD IN (m)	DISCH. IN (LPS)		LPS	5.0	6.5	8.0	9.0	12.0	13.0	15.0	17.0	18.5	20.0	23.5	26.0	28.5	30.0	40.0	43.5	48.0	50.0			
											LPM	300	390	480	540	720	780	900	1020	1110	1200	1410	1560	1710	1800	2400	2610	2880	3000			
											M³/HR	18.0	23.4	28.8	32.4	43.2	46.8	54.0	61.2	66.6	72.0	84.6	93.6	102.6	108.0	144.0	156.6	172.8	180.0			
44	3	CI	SNB	9000030252	32-250	50X50	30	113	9	69-135	HEAD (m)	135.0	127.0	121.0	113.0	69.0																
45	3	SS	SNB	9000030254	40-200	65X50	30	93	15	90-102				102.0	100.0	99.0	97.0	95.0	93.0	91.0	90.0											
46	3	SS	SNB	9000030255	40-200	65X65	30	88	17	79-100					100.0	98.0	94.0	92.0	90.0	88.0	80.0	79.0										
47	3	SS	SNB	9000030256	50-160	75X65	30	64	26	46-72									72.0	71.0	70.0	69.0	66.0	64.0	46.0							
48	3	SS	SNB	9000030257	50-160	100X75	30	61	26	57-72										72.0	69.0	67.0	64.0	61.0	59.0	57.0						
49	3	SS	SNB	9000030258	65-160	100X75	30	57	37	52-61												61.0	59.0	58.5	58.0	54.0	52.0					
50	3	CI	SNB	9000030259	80-160	125X100	30	40	43.5	37-47													47.0	46.0	44.0	41.0	40.0	38.0	37.0			
51	3	CI	SNB	9000030260	80-160	125X125	30	39	43.5	36-47													47.0	46.0	44.0	41.0	39.0	37.0	36.0			



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