

Sai Hydraulic Motors - Actual Displacement Chart

Frame Size	05 ,5 & 9		1 & 3		2 & 6		4, 5, 7 & 9	
Nominal Disp cc/rev	Torque Nm/Bar	Disp cc/rev	Torque Nm/Bar	Disp cc/rev	Torque Nm/Bar	Disp cc/rev	Torque Nm/Bar	Disp cc/rev
40	0.57	40						
50			0.72	50				
60	0.85	59						
75	1.06	74	1.06	74				
90	1.23	86						
100			1.42	99				
110	1.65	115	1.65	115				
130	1.85	129	1.85	129				
135					1.93	135		
150	2.16	151	2.21	154				
160					2.33	163		
170	2.38	166						
175			2.46	172				
190					2.75	192		
200	2.74	191	2.88	201	2.75	192		
210						213		
220			3.18	222				
250			3.48	243	3.60	251		
300			4.15	290	4.35	304		
320			4.50	314				
350			4.97	347	4.96	346		
400			5.96	416	5.62	392	5.76	402
425					6.07	424		
450					6.56	458		
460							6.69	467
490					7.05	492		
500			6.96	486	7.06	493	7.21	503
550			7.88	550			7.91	552
600			8.52	595	8.09	565	8.61	601
620								616
630					8.92	623		
685							9.83	686
700			9.88	690			10.18	711
800			11.34	792	11.60	810	11.36	793
900			12.51	873			12.95	904
1000			14.14	987	14.30	998	14.64	1022
1100							15.99	1116
1200					16.97	1185		
1250							17.86	1247
1300							18.85	1316
1350					19.19	1340		
1400							19.67	1373
1600					23.41	1634		
1700								
1800					26.01	1816		
2000					28.75	2007	29.25	2042
2500							35.40	2471
3000							42.76	2985
3600							51.73	3611
4300							61.57	4298
4700							66.79	4663
5700							80.99	5654
6600							95.06	6636
7700							110.24	7696
8800							126.57	8836
10000							144.00	10053
12000							172.26	12026

Torque figures are based on 90% of Theoretical for the Actual Displacement.

If in doubt, or for more information, please contact:-

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