

TABLE 3. BENCHMARK RESULTS FOR CASES WITH CUBIC SYMMETRY AND ITS VARIATIONS

Table 3. Benchmark results for cases with cubic symmetry and its variations

Case	t1	t2	< V_rms >	Nu_top	Nu_bot	< T >	T_mid_min	T_mid_max	Velo_mi_d_min	Velo_mi_d_max
BM2A	1.2	1.7	31.10(0.00015)	3.6254(1.4e-05)	3.6016(2.1e-06)	0.2176(4.8e-07)	0.02762(5.6e-05)	0.8621(0.0020)	-34.58(0.0057)	109.0(0.19)
SHH06			31.0226	3.5982	3.5984					
RSZ96			30.87	3.5806						
YK04			30.52	3.5554						
BM2B	0.8	1.1	25.13(6.5e-05)	3.3721(2.0e-05)	3.3513(4.8e-07)	0.2527(1.7e-06)	0.03985(5.5e-06)	0.8912(1.1e-05)	-17.96(0.00055)	135.2(0.0028)
SHH06			24.9819	3.3423	3.3427					
RSZ96			25.17	3.3663						
YK04			25.39	3.3280						
BM2C	0.8	1.2	24.35(7.9e-05)	3.3162(2.2e-05)	3.2960(5.7e-06)	0.2587(1.9e-06)	0.04226(1.7e-06)	0.8949(6.2e-06)	-16.36(0.00047)	139.0(0.0017)
SHH06			24.1959	3.2864	3.2869					
RSZ96			24.57	3.3285						
BM2D	1.0	1.3	22.49(1.9e-05)	3.1278(6.0e-06)	3.1093(1.2e-06)	0.2797(3.7e-07)	0.05228(4.1e-06)	0.9072(3.0e-07)	-12.31(0.00039)	152.3(0.00034)
BM2E	0.8	1.0	22.29(0.00017)	2.6780(2.3e-05)	2.6635(4.6e-06)	0.3304(2.6e-06)	0.09612(3.5e-05)	0.9330(7.3e-06)	-7.405(0.0012)	195.4(0.013)
BM2F	1.2	1.6	29.94(0.00043)	2.3416(0.00014)	2.3322(4.0e-05)	0.3837(2.0e-05)	0.1772(0.00055)	0.9593(9.4e-06)	300.4(0.046)	
BM2G	0.75	1.05	51.00(0.018)	2.6697(0.00099)	2.6733(0.00029)	0.4878(0.00012)	0.3490(0.00025)	0.9636(0.00010)	-21.14(0.057)	413.6(0.71)
BM2H	0.5	0.6	87.72(0.12)	3.0600(0.0026)	3.0898(0.0025)	0.5539(4.5e-05)	0.5140(0.0014)	0.9685(0.0012)	-50.39(0.27)	724.4(8.7)
BM3A	0.23	0.31	155.0(0.072)	7.8621(0.0095)	7.7749(0.0012)	0.1732(0.00038)	0.02311(0.0002)	0.9375(0.0059)	-262.3(0.43)	977.4(3.0)
RSZ96			157.5	7.5669						
BM3B	0.525	0.585	122.2(0.026)	7.1113(0.0027)	7.0565(0.00060)	0.1913(0.00012)	0.02694(2.6e-05)	0.9403(0.00085)	-146.1(0.12)	1076.2(1.4)

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RSZ96			127.3	7.0913))))
BM3C	0.515	0.575	109.2(0.67596(6.7202(0.2012(0.02908	0.9425(-109.0(0.1175.5(
			054)	0.0054)	0.0011)	0.00025 (7.6e-05	0.00042 .17)	0.92)
)))))
RSZ96			115.6	6.8655))))
BM3D	0.81	0.91	98.90(0.64798(6.4369(0.2167(0.03304	0.9473(-80.83(0.1349.8(
			020)	0.0021)	0.00042	0.00011 (0.0001	0.0058)	.065) 22)
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To view the table in its entirety, enlarge the browser window.

Note: Notations are the same as in Table 2.