

# Honda Small Engine Intake & Exhaust Valve Clearances

Model Series	Intake Valve Clearance	Exhaust Valve Clearance
GX640	0.10-0.14mm ( 0.004-0.006in )	0.18-0.22mm ( 0.007-0.009in )
GX100	0.15 +/- 0.04mm	0.20 +/- 0.04mm
GX120	0.15 +/- 0.02mm ( 0.006 +/- 0.001in )	0.20 +/- 0.02mm ( 0.008 +/- 0.001in )
GX160	0.15 +/- 0.02mm ( 0.006 +/- 0.001in )	0.20 +/- 0.02 mm ( 0.008 +/- 0.001in )
GX200	0.15 +/- 0.02mm ( 0.006 +/- 0.001in )	0.20 +/- 0.02 mm ( 0.008 +/- 0.001in )
GX240K1	0.15 +/- 0.02mm ( 0.006 +/- 0.001in )	0.20 +/- 0.02mm ( 0.008 +/- 0.001in )
GX270	0.15 +/- 0.02mm ( 0.006 +/- 0.001in )	0.20 +/- 0.02mm ( 0.008 +/- 0.001in )
GX340K1	0.15 +/- 0.02mm ( 0.006 +/- 0.001in )	0.20 +/- 0.02mm ( 0.008 +/- 0.001in )
GX390K1	0.15 +/- 0.02mm ( 0.006 +/- 0.001in )	0.20 +/- 0.02mm ( 0.008 +/- 0.001in )
GX22	0.12 +/- 0.02mm ( 0.005 +/- 0.001in )	0.15 +/- 0.02mm ( 0.006 +/- 0.001in )
GX31	0.12 +/- 0.02mm ( 0.005 +/- 0.001in )	0.15 +/- 0.02mm ( 0.006 +/- 0.001in )
GX610	0.15 +/- 0.02mm ( 0.006 +/- 0.001in )	0.20 +/- 0.02mm ( 0.008 +/- 0.001in )
GX620	0.15 +/- 0.02mm ( 0.006 +/- 0.001in )	0.20 +/- 0.02mm ( 0.008 +/- 0.001in )
GX670	0.15 +/- 0.02mm ( 0.006 +/- 0.001in )	0.20 +/- 0.02mm ( 0.008 +/- 0.001in )
GXV120	0.15 +/- 0.02mm ( 0.006 +/- 0.001in )	0.20 +/- 0.02mm ( 0.008 +/- 0.001in )
GXV140	0.13 - 0.17	0.18-0.22
GXV160	0.15 +/- 0.02mm ( 0.006 +/- 0.001in )	0.20 +/- 0.02mm ( 0.008 +/- 0.001in )
GXV270	0.15 +/- 0.02mm ( 0.006 +/- 0.001in )	0.20 +/- 0.02mm ( 0.008 +/- 0.001in )
GXV340	0.15 +/- 0.02mm ( 0.006 +/- 0.001in )	0.20 +/- 0.02mm ( 0.008 +/- 0.001in )
GXV610K1	0.15 +/- 0.02mm ( 0.006 +/- 0.001in )	0.20 +/- 0.02mm ( 0.008 +/- 0.001in )
GXV620K1	0.15 +/- 0.02mm ( 0.006 +/- 0.001in )	0.20 +/- 0.02mm ( 0.008 +/- 0.001in )
GX25	0.08 +/- 0.02mm	0.11 +/- 0.02mm
GX35	0.08 +/- 0.02mm	0.11 +/- 0.02mm
GXH50	0.06-0.10mm ( 0.0024-0.0039in )	0.09-0.13mm ( 0.0035-0.0051in )
GXV50	0.06-0.10mm ( 0.0024-0.0039in )	0.09-0.13mm ( 0.0035-0.0051in )
GS190	0.15 +/- 0.04mm	0.20 +/- 0.04mm
GSV190	0.15 +/- 0.04mm	0.20 +/- 0.04mm
GC135	0.15 +/- 0.04mm ( 0.006 +/- 0.002in )	0.20 +/- 0.04mm ( 0.008 +/- 0.002in )
GC160	0.15 +/- 0.04mm ( 0.006 +/- 0.002in )	0.20 +/- 0.04mm ( 0.008 +/- 0.002in )
GC190	0.15 +/- 0.04mm	0.20 +/- 0.04mm
GCV135	0.15 +/- 0.04mm ( 0.006 +/- 0.002in )	0.20 +/- 0.04mm ( 0.008 +/- 0.002in )
GCV160	0.15 +/- 0.04mm ( 0.006 +/- 0.002in )	0.20 +/- 0.04mm ( 0.008 +/- 0.002in )
GCV520	0.10 +/- 0.04mm ( 0.004 +/- 0.002in )	0.15 +/- 0.04mm ( 0.006 +/- 0.002in )
GCV530	0.10 +/- 0.04mm ( 0.004 +/- 0.002in )	0.15 +/- 0.04mm ( 0.006 +/- 0.002in )
GD320	0.15 +/- 0.02mm ( 0.0059 +/- 0.00078in )	0.15 +/- 0.02mm ( 0.0059 +/- 0.00078in )
GD410	0.15 +/- 0.02mm ( 0.0059 +/- 0.00078in )	0.15 +/- 0.02mm ( 0.0059 +/- 0.00078in )
GD1100	0.2 +/- 0.02mm ( 0.0078 +/- 0.0008in )	0.2 +/- 0.02mm ( 0.0078 +/- 0.0008in )
GD1250	0.2 +/- 0.02mm ( 0.0078 +/- 0.0008in )	0.2 +/- 0.02mm ( 0.0078 +/- 0.0008in )
G150K1 2.6kW	0.08-0.16mm ( 0.0031-0.0063in )	0.16-0.24mm ( 0.0063-0.0094 )
G150K1 2.8kW	0.08-0.16mm ( 0.0031-0.0063in )	0.16-0.24mm ( 0.0063-0.0094 )
G200K1 3.7kW	0.08-0.16mm ( 0.0031-0.0063in )	0.16-0.24mm ( 0.0063-0.0094 )
G200K1 4.0kW	0.08-0.16mm ( 0.0031-0.0063in )	0.16-0.24mm ( 0.0063-0.0094 )
GV100	0.08-0.16mm ( 0.0031-0.0063in )	0.08-0.16mm ( 0.0031-0.0063in )
GX360	0.12 +/- 0.02mm ( 0.005 +/- 0.001in )	0.20 +/- 0.02mm ( 0.0078 +/- 0.0008in )