

L-type engine markings quick reference chart

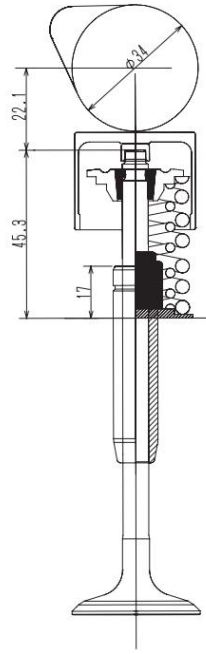
Model	Connecting rod	Crank	Block	Head
L14	A86...			
L20 early model	NO1...	E30...	E30	E30
L24	NO1...	E31...	P30	E88
L26	A87...	P3040	P30	E88
L28	A87...	P3040	N42/F54	N42/P90
LD28		V0740		

Gap between L-shaped valve and cylinder wall

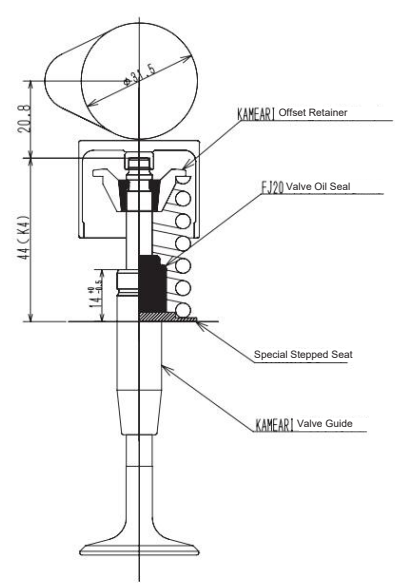
Cylinder diameter		L6		L4	
		IN	EX	IN	EX
83φ	Maximum valve diameter	44	33	42	33
	Gap with the cylinder	0.40	0.92	1.00	0.92
	Evaluation	×	•	•	•
86φ	Maximum valve diameter	46	36.5	45	36.5
	Gap with the cylinder	0.90	0.67	1.00	0.67
	Evaluation	•	×	•	×
89φ	Maximum valve diameter	46	38	46	38
	Gap with the cylinder	2.40	1.42	2.00	1.42
	Evaluation	•	•	•	•

*If the gap between the valve and the cylinder wall is 0.7 mm or less, the cylinder will need to be machined to accommodate the valve. (The dimensions above are calculated dimensions. There may be errors due to individual differences.)

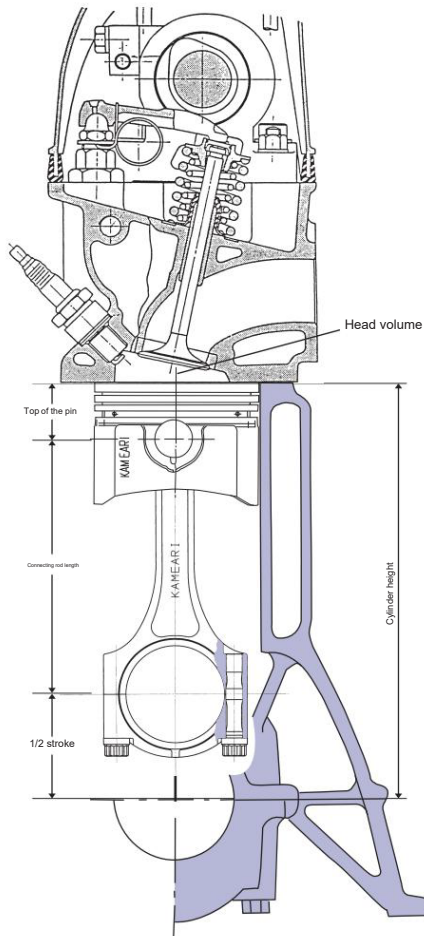
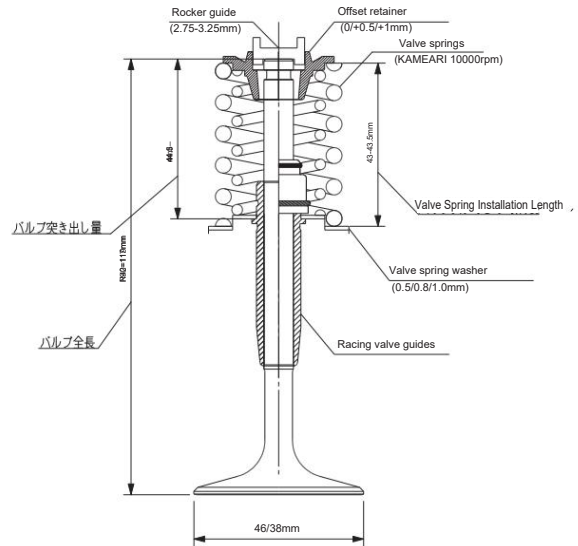
FJ20 STD Valve Train Dimensions Diagram



S20 Valve train dimension Diagram (KAMEARI specification)



L-type 77i,77G,75B Cam Valve Train Dimensional Diagram



Standard engine specifications

Engine type	Bore	Stroke	Connecting rod length	Cylinder height	Pin height	Pin diameter	Head volume
U20	87.2	83	144.0	227.0	41.0	22.0	43.0
R16	87.2	66.8	144.0		41.0	22.0	
S20	82.0	62.8	116.0	182.2	35.0	22.0	42.2
L20	78.0	69.7	133.0	207.9	40.1	21.0	37.0
L24	83.0	73.7	133.0	207.9	38.1	21.0	42.0
L26	83.0	79	130.4	207.9	38.1	21.0	42.0
L28	86.0	79	130.4	207.9	38.1	21.0	N42=43/P90=54
L14	83.0	66	136.7	207.9	38.1	21.0	
L16	83.0	73.7	133.0	207.9	38.1	21.0	36.0
L18	85.0	78	130.4	207.9	38.1	21.0	38.5
L20B	85.0	86	146.0	227.5	38.1	21.0	
L20B	85.0	86	152.5	227.5	32.0	21.0	
Z20	85.0	86	152.5	227.5	32.0	21.0	
A12	73.0	70	121.5	189.1	32.5	17.5	28.0
A14	76.0	77	133.0	204.1	32.5	19.0	29.0
A15	76.0	82	133.0	204.1	30.0	19.0	
FJ20	89.0	80	140.0	212.0	32.0	22.0	48
SR20	86.0	86	136.3	211.3	32.0	22.0	
RB26	86.0	73.7	121.5	188.35	30.0	21.0	
2TG	85.0	70	123.0	197.0	39.0	22.0	~62.5
3TG	85.0	78	123.0	197.0	35.0	22.0	
18RG	88.5	80	138.25	218.0	39.75	22.0	
4K	75.0	73	120.0	192.5	36	18.0	18/35
4AG	81.0	77	122.0	191.0	30.5	18/20	36.0