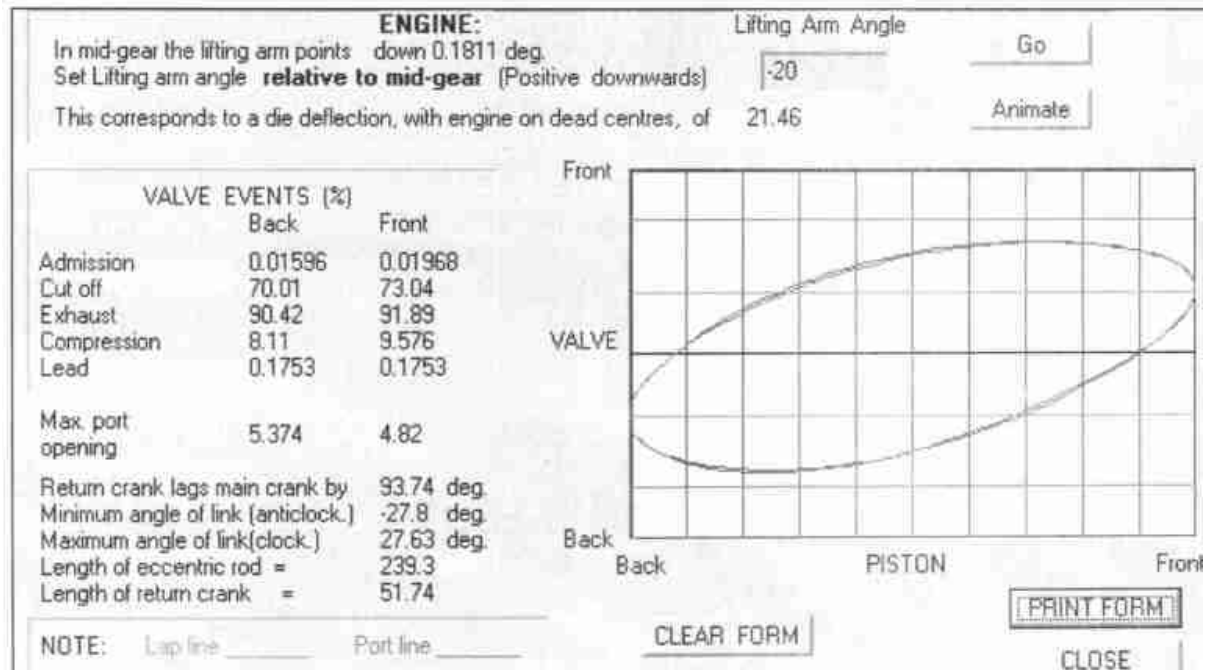


Railway Locomotive valve event data and graphs

Please note the following information is for information only. If you are at all unsure whether your A4 or A3 timing is correct you should contact ModelWorks for clarification.

LNER A3/4



SELECT ENGINE CURRENT ENGINE: Show Dimensions

Connecting rod	430	Link trunnion to tail pin	59.45
Main crank	42.5	Backset angle (deg)	7.71
Return crank	27	Little end to drop arm	0
Lifting Arm	72.5	Piston rod - valve spindle (v)	61.74
Radius rod	234.8	Crankshaft to Link trunnion (h)	244.9
Combination lever	103.4	Crankshaft to Link trunnion (v)	73.68
Comb. lev. top section	14.93	Crankshaft to Weighshaft (h)	140.2
Drop link	24	Crankshaft to Weighshaft (v)	73.68
Anchor link	46.5	Port width	7
Steam Lap	6	Suspension link	
Exhaust Lap	0	Location of suspension point	

NEW ENGINE
 Valve type
 Outside adm.
 Inside adm.
 Radius Rod
 Slot and die
 Suspension link