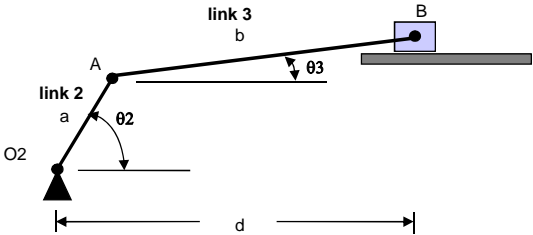


Slider Crank

a=	3.5	Link 2
b=	10	Link 3
c=	1	Link 1
$\theta_2 =$	120	2.094395102
$\dot{\theta}_2 =$	24	$\frac{1}{s}$
$\ddot{\theta}_2 =$	-4	$\frac{1}{s^2}$
By=	1.00	1.00
Bx=	8.04	-11.54
$\theta_3 =$	-11.7	-168.3
$\dot{\theta}_3 =$	4.29	-4.29
$\ddot{\theta}_3 =$	173.78	-173.78
vB=	-64.03	-81.46
aB=	1192.92	847.33



	x comp	y comp	mag	angle	i	j
rB=	8.04	1.00	8.10	7.1	0.992	0.123
rA=	-1.75	3.03	3.50	120.0	-0.500	0.866
rBA=	9.79	-2.03	10.00	-11.7	0.979	-0.203
vB=	-64.03	0.00	64.03	180.0	-1.000	0.000
vA=	-72.75	-42.00	84.00	-150.0	-0.866	-0.500
vBA=	8.71	42.00	42.89	78.3	0.203	0.979
aB=	1192.92	0.00	1192.92	0.0	1.000	0.000
aA=	1020.12	-1738.91	2016.05	-59.6	0.506	-0.863
aBA=	172.80	1738.91	1747.47	84.3	0.099	0.995
alt	x comp	y comp	mag	angle	i	j
rB=	-11.54	1.00	11.58	175.0	-0.996	0.086
rA=	-1.75	3.03	3.50	120.0	-0.500	0.866
rBA=	-9.79	-2.03	10.00	-168.3	-0.979	-0.203
vB=	-81.46	0.00	81.46	180.0	-1.000	0.000
vA=	-72.75	-42.00	84.00	-150.0	-0.866	-0.500
vBA=	-8.71	42.00	42.89	101.7	-0.203	0.979
aB=	847.33	0.00	847.33	0.0	1.000	0.000
aA=	1020.12	-1738.91	2016.05	-59.6	0.506	-0.863
aBA=	-172.80	1738.91	1747.47	95.7	-0.099	0.995