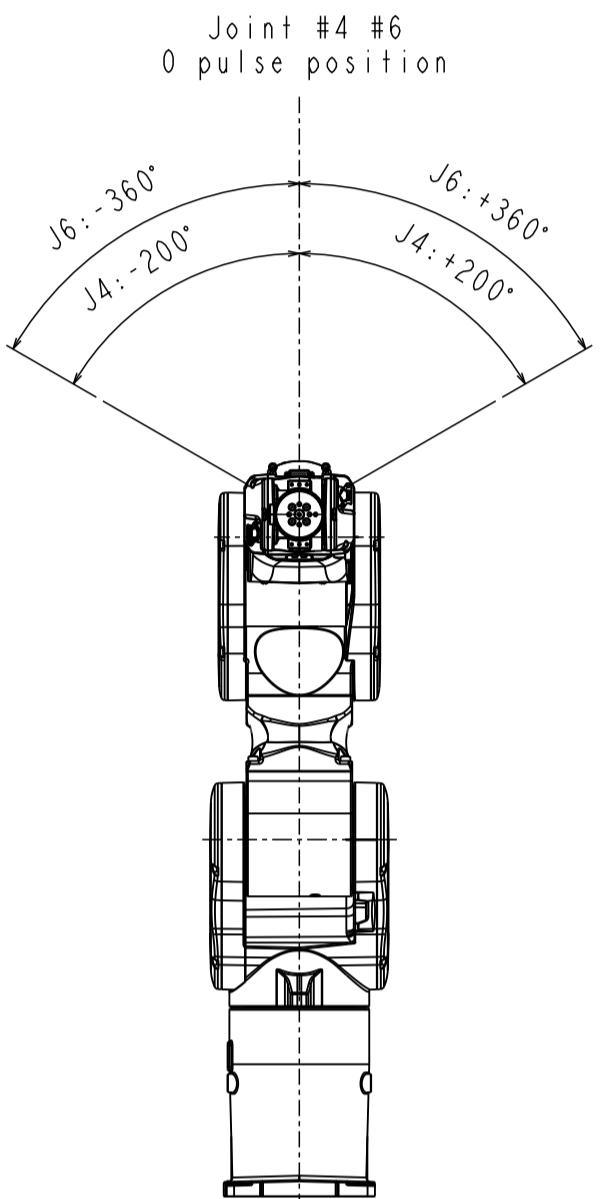


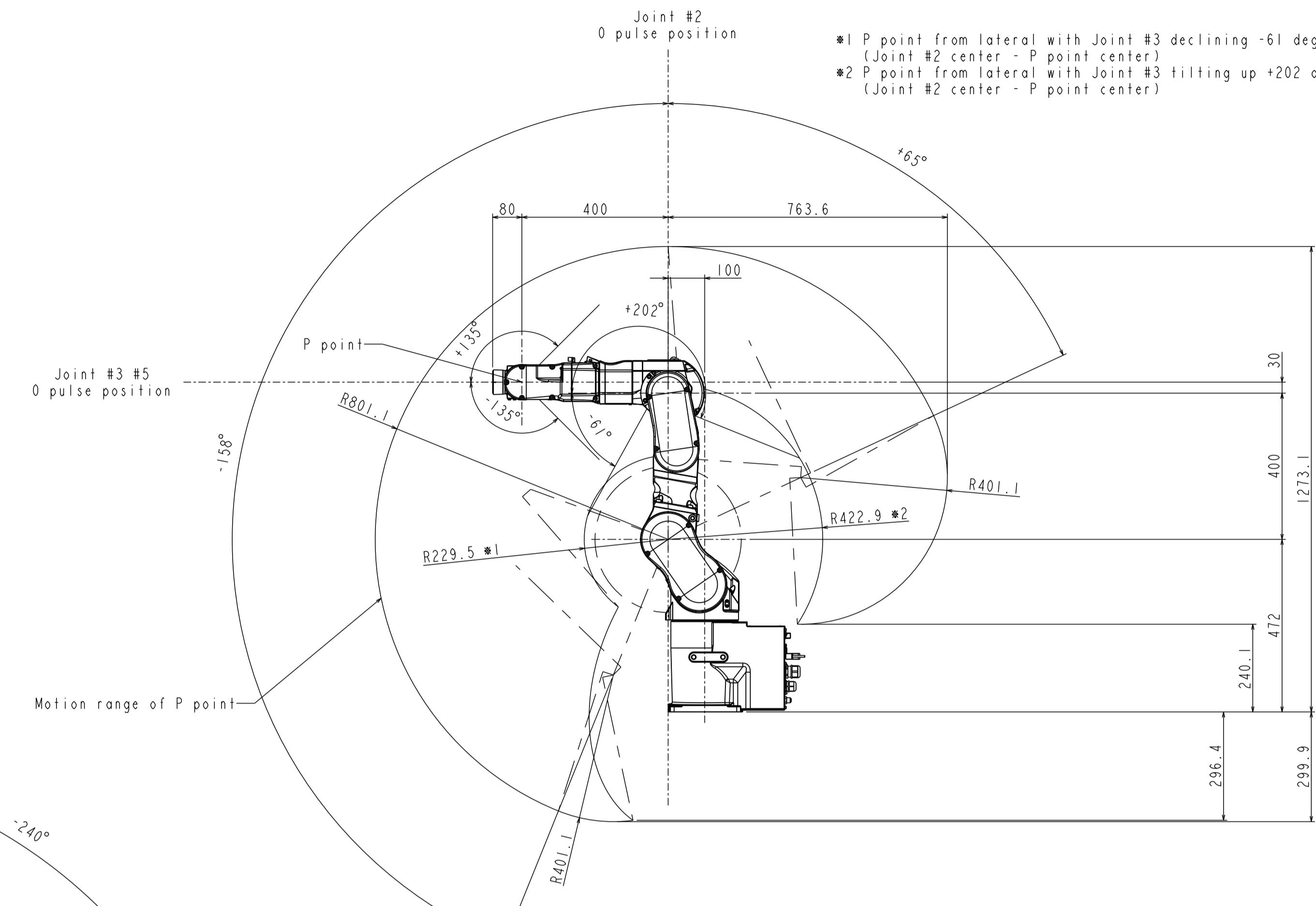
	Angle	pulse
Arm #1 revolves	$\pm 240^\circ$	± 10695600 pulse
Arm #2 Lower arm swings	$-158^\circ, +65^\circ (223^\circ)$	-6903178 pulse, +2839915 pulse
Arm #3 Upper arm swings	$-61^\circ, +202^\circ (263^\circ)$	-2220949 pulse, +7354618 pulse
Arm #4 Wrist revolves	$\pm 200^\circ$	± 5461400 pulse
Arm #5 Wrist swings	$\pm 135^\circ$	± 3932280 pulse
Arm #6 Wrist rotates	$\pm 360^\circ$	± 6553800 pulse

*All Joints are in 0 pulse position in this drawing.

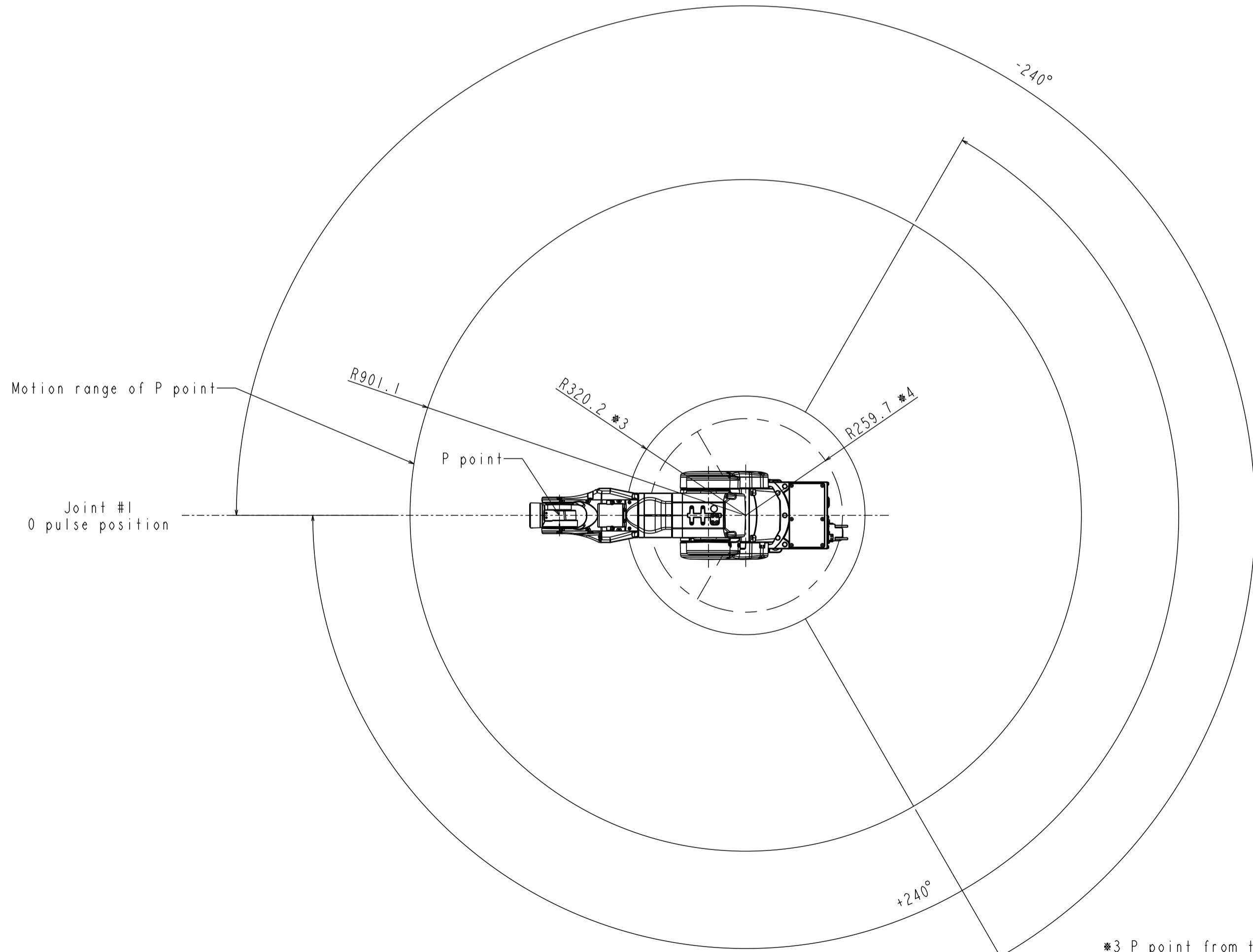
NOTE: *=degree



Front view



Lateral view



Top view

*3 P point from top with Joint #3 declining -61 deg.
(Joint #1 center - P point center)
*4 P point from top with Joint #3 tilting up + 202 deg.
(Joint #1 center - P point center)

TITLE Range of C8-A90IS/C/P											