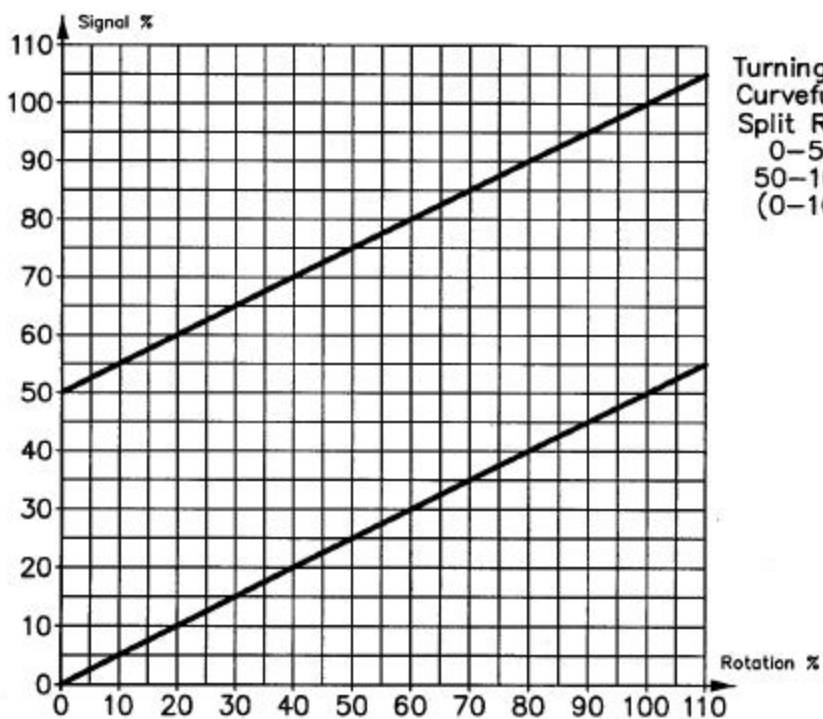
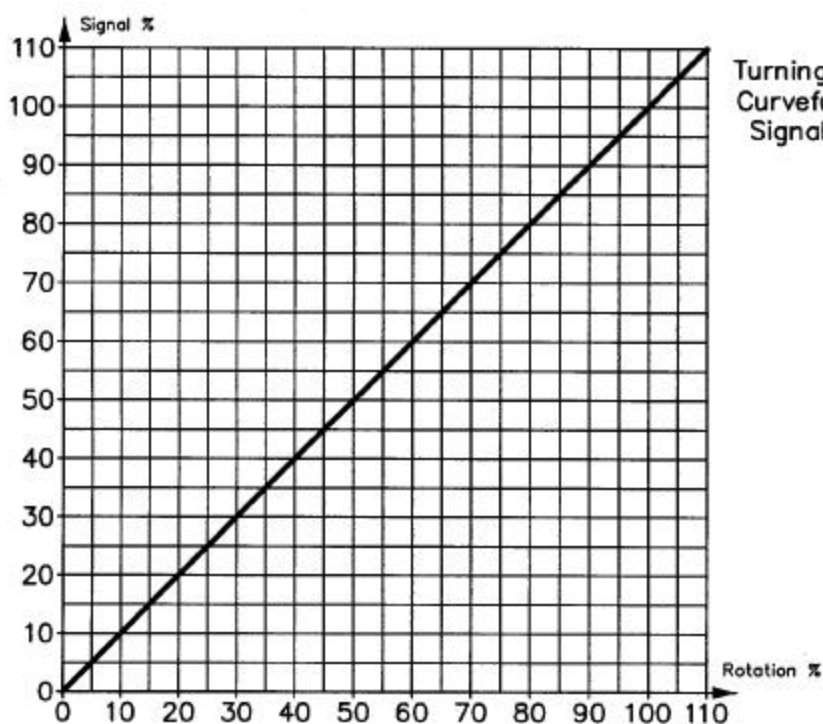
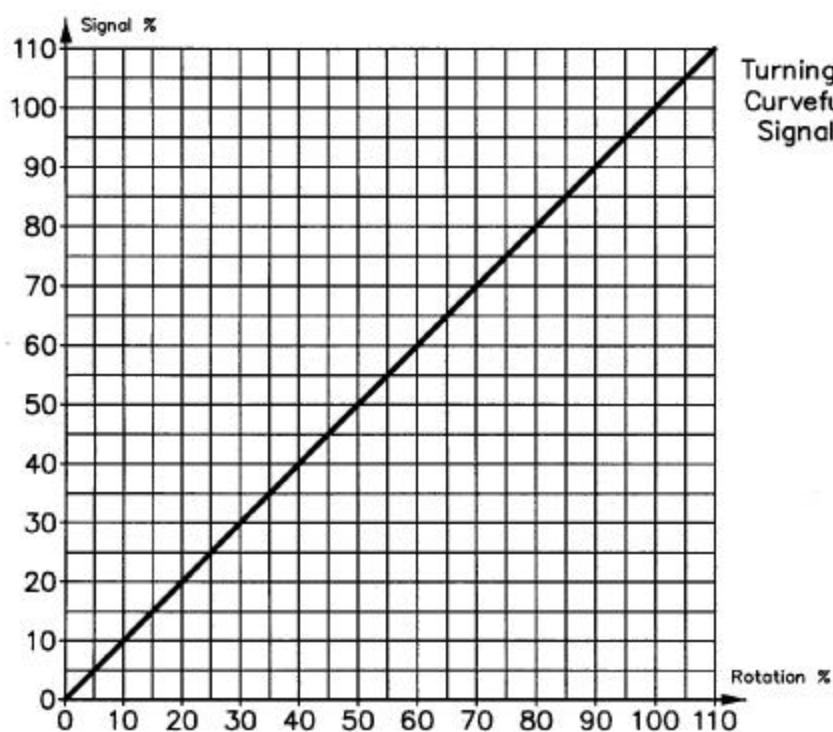
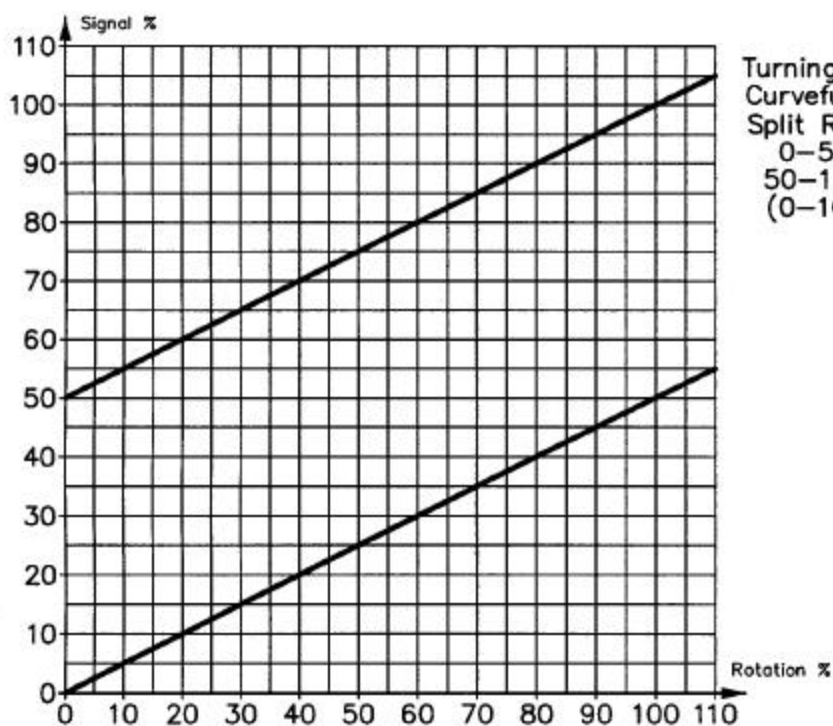




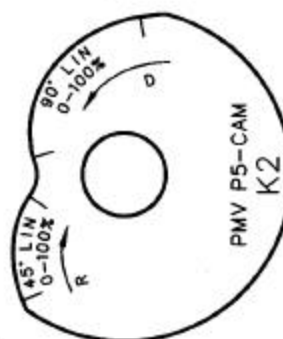
		Kamskiva K1	SS 2346	ø48x2	Elpolerad alt.		
DET.NR	ANT.	BENÄMNING	MATERIAL	DIMENSION	ANM.		
HÅL TOL.	EJ UTSATTA TOLERANSER ENL.		YTA	PROJEKTION EUROPA	Blanktrumlad		
—	SMS 715 Fin		Ra4				
	PMV Positioner P5 PALMSTIERNAS INSTRUMENT AB TULEGATAN 15 S-113 53 STOCKHOLM - TEL: +46 (0)8 555 106 00 FAX: +46 (0)8 555 106 01			RITAD	GOÖK.	SKALA	DATUM
				LN		2:1	930519
				RITN.NR P5_K1			



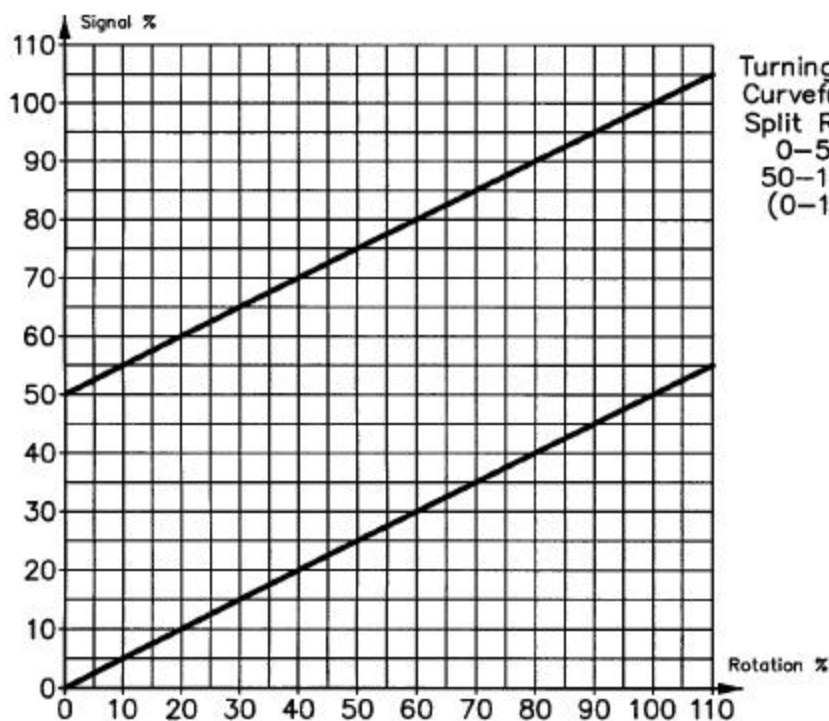
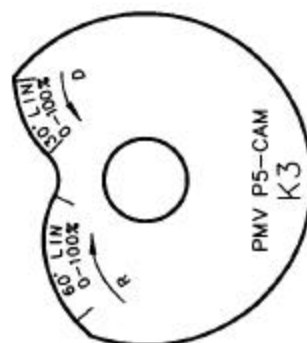
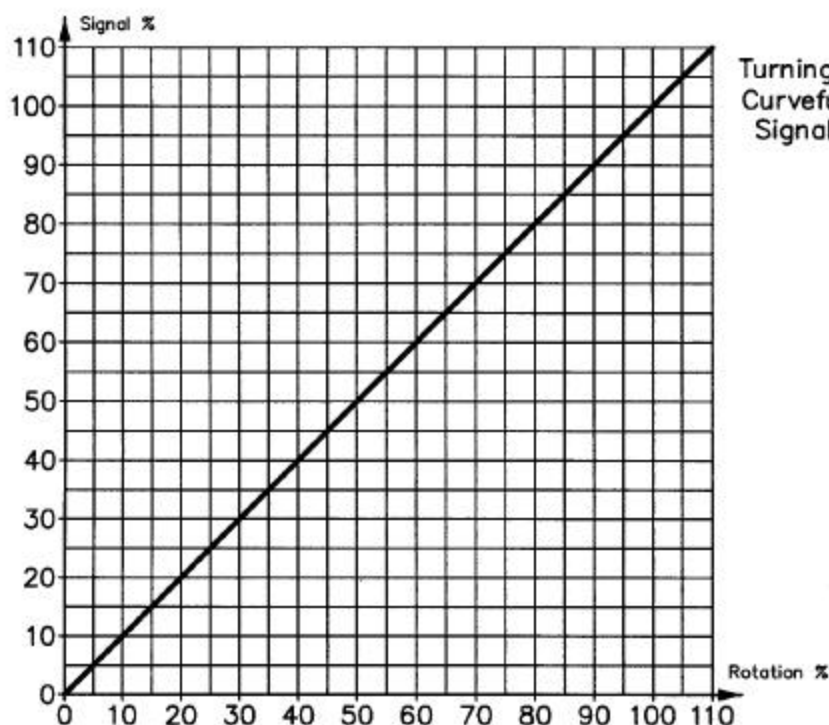
Turning angle = 45°
 Curvefunction = Linear
 Signal range = 0-100%



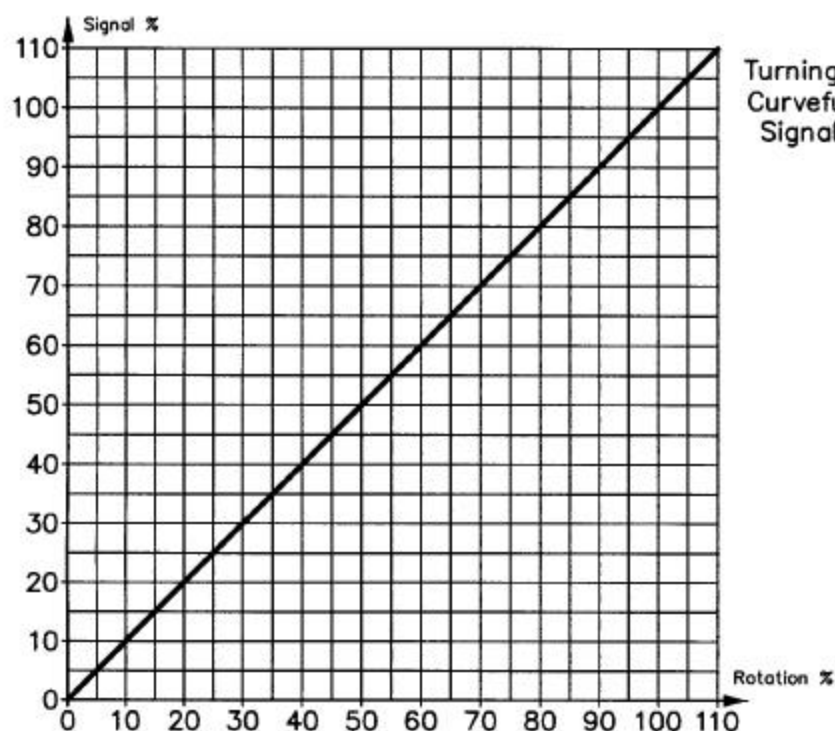
Turning angle = $2 \times 45^\circ$ (90°)
 Curvefunction = Linear
 Split Range
 0-50%
 50-100%
 (0-100%)



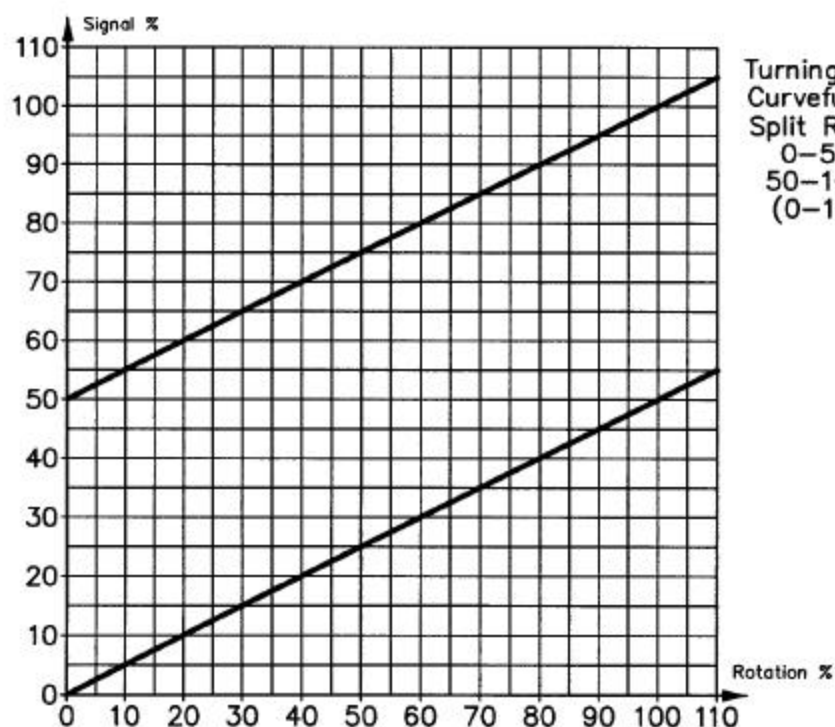
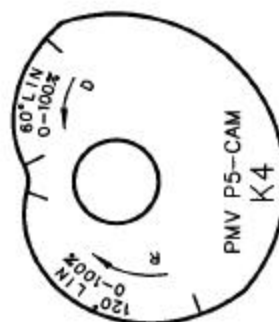
		Kamskiva K2	SS 2346	ø48x2	Elpolerad alt.		
DET.NR	ANT.	BENÄMNING	MATERIAL	DIMENSION	ANM.		
HAL TOL.		EJ UTSATTA TOLERANSER ENL.	YTA	PROJEKTION EUROPA	Trumlad		
—		SMS 715 Fin	Ra4				
		PMV Positioner P5		RITAD	GODK.	SKALA	DATUM
				LN		2:1	930817
		PALMSTIERNAS INSTRUMENT AB		RITN.NR P5_K2			
TULEGATAN 15 S-113 53 STOCKHOLM - TEL: +46 (0)8 555 106 00 FAX: +46 (0)8 555 106 01							



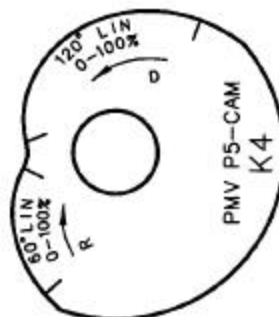
		Kamskiva K3	SS 2346	ø48x2	Elpolerad alt.		
DET.NR	ANT.	BENÄMNING	MATERIAL	DIMENSION	ANM.		
HÅL TOL.		EJ UTSATTA TOLERANSER ENL.	YTA	PROJEKTION EUROPA			
—		SMS 715 Fin	Ra4		Trumlad		
	PMV Positioner P5 PALMSTIERNAS INSTRUMENT AB			RITAD	GODK.	SKALA	DATUM
				LN		2:1	930817
				RITN.NR P5_K3			
TULEGATAN 15 S-113 53 STOCKHOLM - TEL: +46 (0)8 555 106 00 FAX: +46 (0)8 555 106 01							

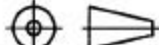


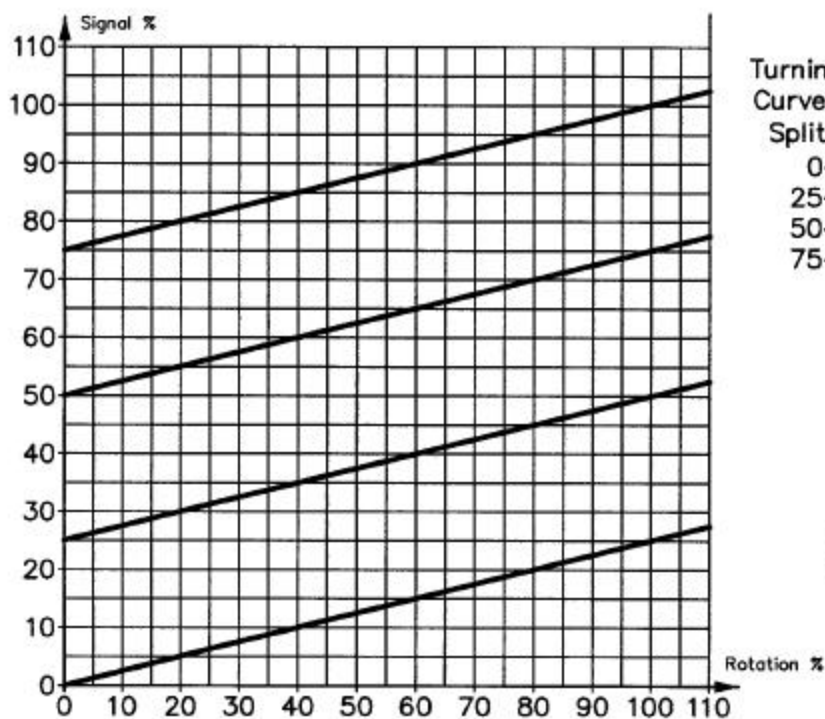
Turning angle = 60°
Curvefunction = Linear
Signal range = 0–100%



Turning angle = $2 \times 60^\circ$ (120°)
 Curvefunction = Linear
 Split Range
 0-50%
 50-100%
 (0-100%)

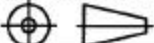


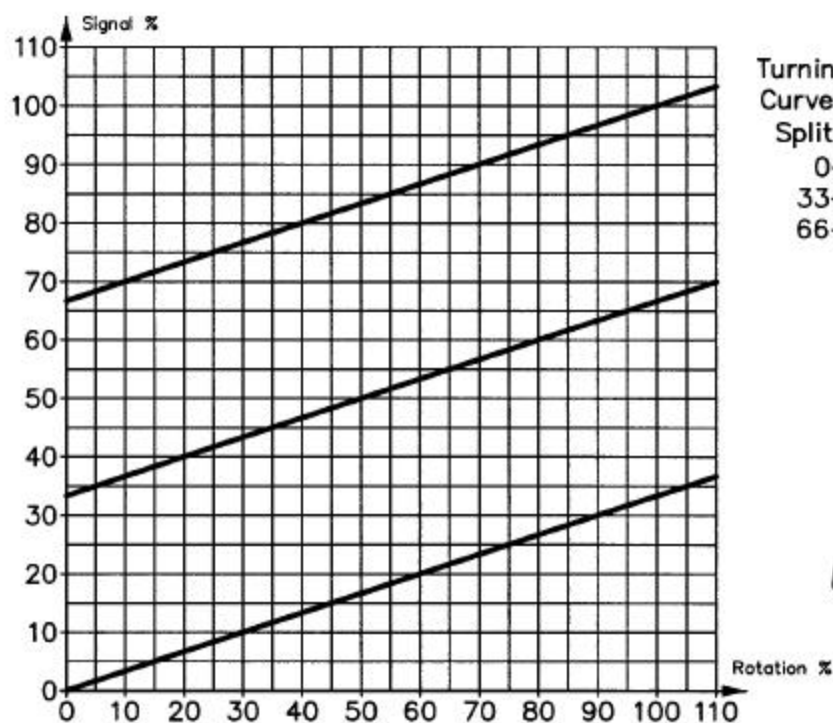
		Kamskiva K4	SS 2346	ø48x2	Elpolerad alt.		
DET.NR	ANT.	BENÄMNING	MATERIAL	DIMENSION	ANM.		
HAL. TOL.		EJ UTSATTA TOLERANSER ENL.	YTA	PROJEKTION EUROPA	Trumlad		
—		SMS 715 Fin	Ra4				
		PMV Positioner P5 PALMSTIERNAS INSTRUMENT AB		RITAD	GOÖK.	SKALA	DATUM
				LN		2:1	930913
				RITN.NR P5_K4			
TULEGATAN 15 S-113 53 STOCKHOLM - TEL: +46 (0)8 555 106 00 FAX: +46 (0)8 555 106 01							



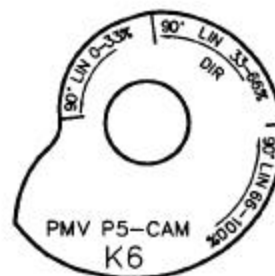
Turning angle = $4 \times 90^\circ$
 Curvefunction = Linear
 Split Range
 0-25%
 25-50%
 50-75%
 75-100%



		Kamskiva K5	SS 2346	ø48x2	Elpolerad alt.		
DET.NR	ANT.	BENÄMNING	MATERIAL	DIMENSION	ANM.		
HAL TOL.		EJ UTSATTA TOLERANSER ENL.	YTA	PROJEKTION EUROPA			
—		SMS 715 Fin	Ra4		Trumlad		
	PMV Positioner P5 PALMSTIERNAS INSTRUMENT AB			RITAD	GODK.	SKALA	DATUM
				LN		2:1	931115
				RITN.NR P5_K5			
TULEGATAN 15 S-113 53 STOCKHOLM - TEL: +46 (0)8 555 106 00 FAX: +46 (0)8 555 106 01							

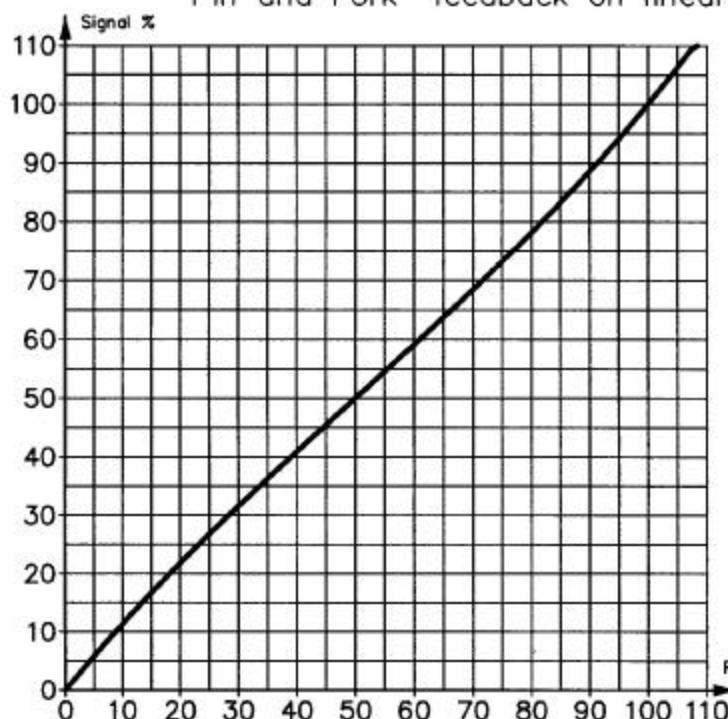


Turning angle = $3 \times 90^\circ$
 Curvefunction = Linear
 Split Range
 0-33%
 33-66%
 66-100%



		Kamskiva K6	SS 2346	ø48x2	Elpolerad alt.		
DET.NR	ANT.	BENÄMNING	MATERIAL	DIMENSION	ANM.		
HAL TOL		EJ UTSATTA TOLERANSER ENL.	YTA	PROJEKTION EUROPA	Trumlad		
—		SMS 715 Fin	Ra4				
	PMV Positioner P5 PALMSTIERNAS INSTRUMENT AB			RITAD	GODK.	SKALA	DATUM
				LN		2:1	940909
				RITN.NR P5_K6			
TULEGATAN 15 S-113 53 STOCKHOLM - TEL: +46 (0)8 555 106 00 FAX: +46 (0)8 555 106 01							

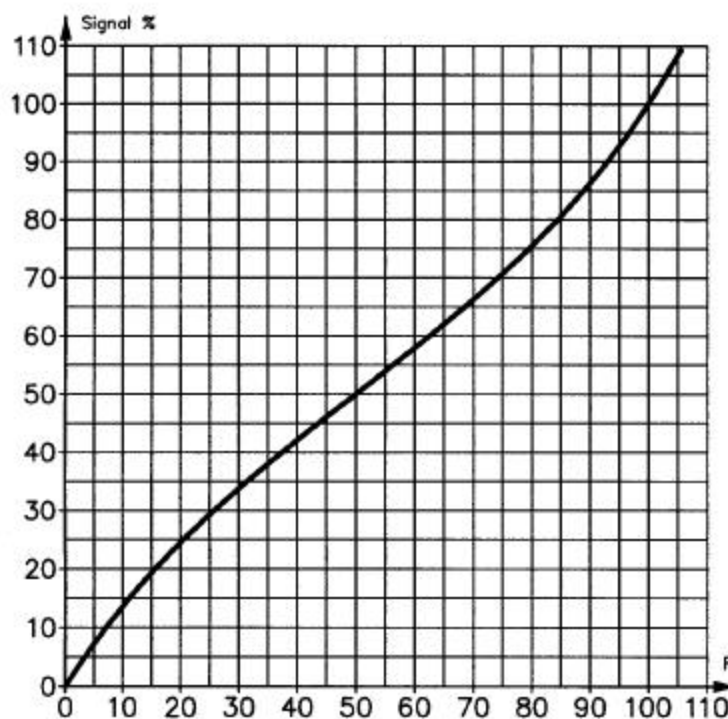
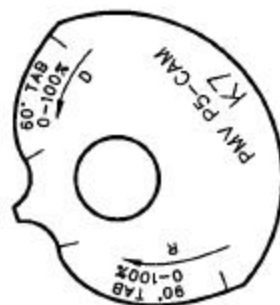
Cam curves for linearization when using PMV's
"Pin and Fork" feedback on linear actuators.



Turning angle = 60°
Curvefunction = Table
Signal range = 0-100%

TABLE (ROT60LIN.TAB)

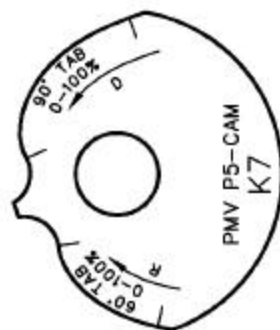
Rotation	Signal
0	0
8	9.24
12	13.59
16	17.79
20	21.86
24	25.82
28	29.68
32	33.47
36	37.21
40	40.89
44	44.55
50	50
56	55.44
60	59.1
64	62.78
68	66.52
72	70.31
76	74.17
80	78.13
84	82.2
88	86.4
92	90.75
96	95.269
100	100
104	104.95
107.8	110



Turning angle = 90°
Curvefunction = Table
Signal range = 0-100%

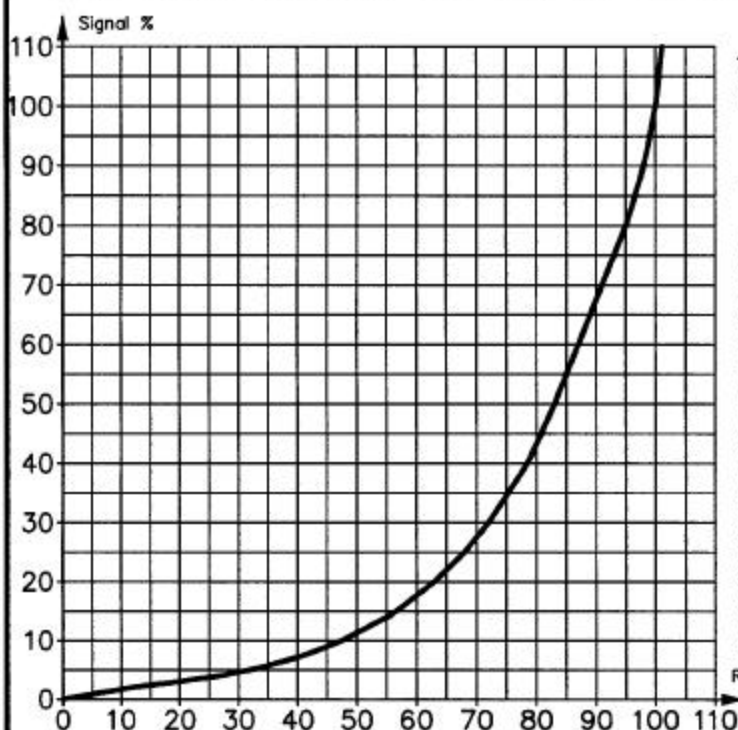
TABLE (ROT90LIN.TAB)

Rotation	Signal
0	0
8	11.21
12	16.02
16	20.43
20	24.52
24	28.36
28	31.99
32	35.47
36	38.82
40	42.08
44	45.27
52	51.57
56	54.72
60	57.91
64	61.17
68	64.52
72	68
76	71.63
80	75.47
84	79.56
88	83.97
92	88.78
96	94.08
100	100
104	106.71
106	110



		Kamskiva K7	SS 2346	ø48x2	Elpolerad alt.		
DET.NR	ANT.	BENÄMNING	MATERIAL	DIMENSION	ANM.		
HAL TOL.		EJ UTSATTA TOLERANSER ENL.	YTA	PROJEKTION EUROPA			
—		SMS 715 Fin	Ra4		Trumlad		
	PMV Positioner P5 PALMSTIERNAS INSTRUMENT AB			RITAD	GODK.	SKALA	DATUM
				LN		2:1	940308
				RITN.NR P5_K7			
TULEGATAN 15 S-113 53 STOCKHOLM - TEL: +46 (0)8 555 106 00 FAX: +46 (0)8 555 106 01							

Cam curves equal to cam F20 for models P-12/15/2000.

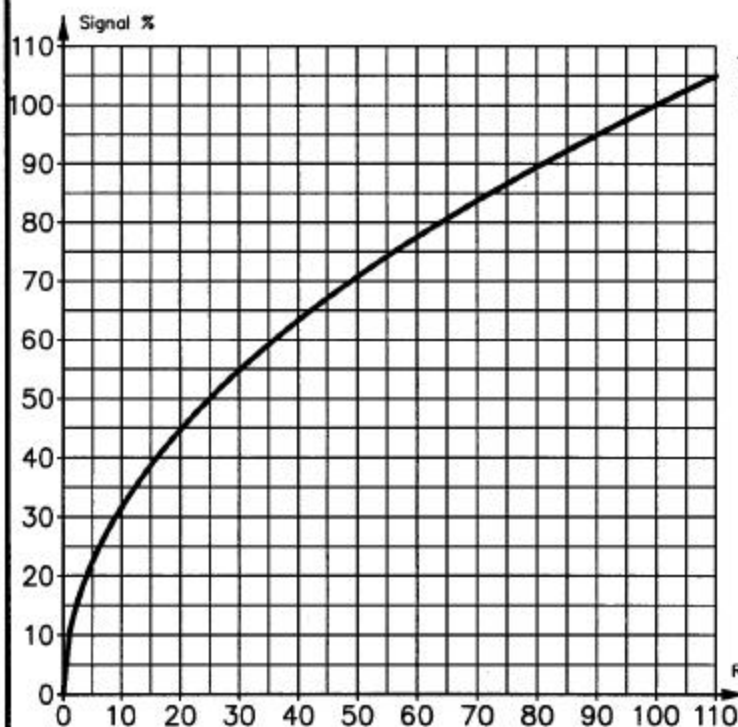
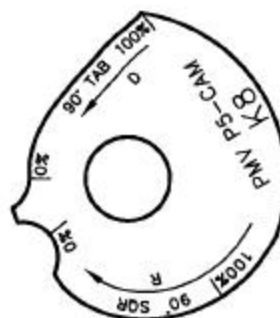


Turning angle = 90°
Curvefunction = Table
Signal range = 0-100%

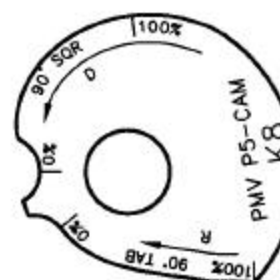
TABLE (KEMUEDI.R.TAB) Origin: DeZurik 831230.
"Equal percent"

Rotation	Signal
0	0
6	1
12	2
20	3
27	4
32	5
35	5.75
39,5	7
42	7.8
45	9
48	10.25
56	14.5
63	20
68	25
72	30
78,5	40
83	50
87	60
91	70
95	80
98	90
100	100
101	110

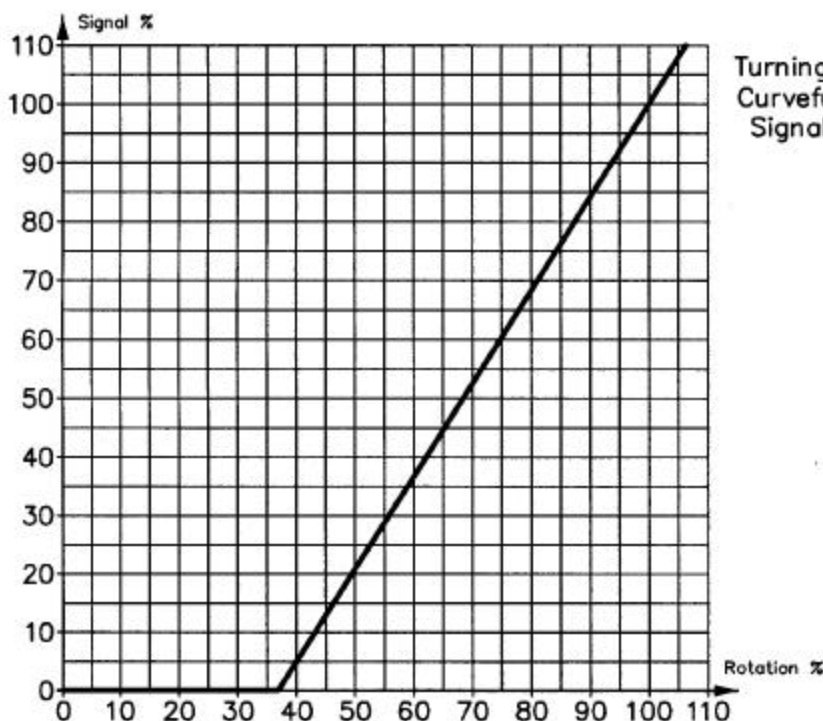
Rotation %



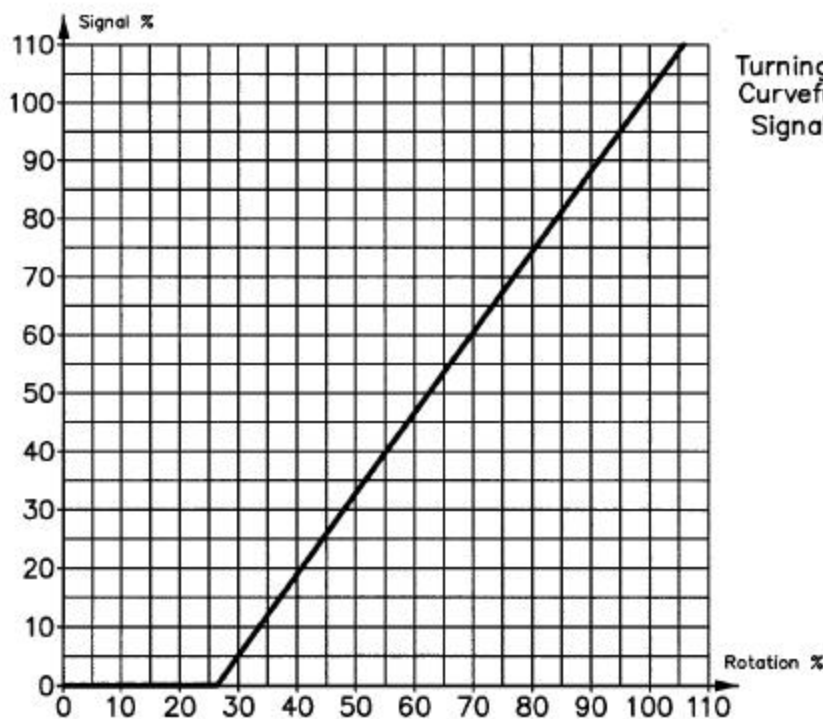
Turning angle = 90°
Curvefunction = Direct Square Root
Signal range = 0-100%



		Kamskiva K8	SS 2346	ø48x2	Elpolerad alt.
DET.NR	ANT.	BENÄMNING	MATERIAL	DIMENSION	ANM.
HÅL TOL.		EJ UTSATTA TOLERANSER ENL.	YTA	PROJEKTION: EUROPA	Blanktrumlad
—		SMS 715 Fin	Ra4		
	PMV Positioner P5			RITAD LN	GÖÖK.
	PALMSTIERNAS INSTRUMENT AB			RITN.NR	SKALA 2:1
TULEGATAN 15 S-113 53 STOCKHOLM - TEL: +46 (0)8 555 106 00 FAX: +46 (0)8 555 106 01			P5_K8		DATUM 940908



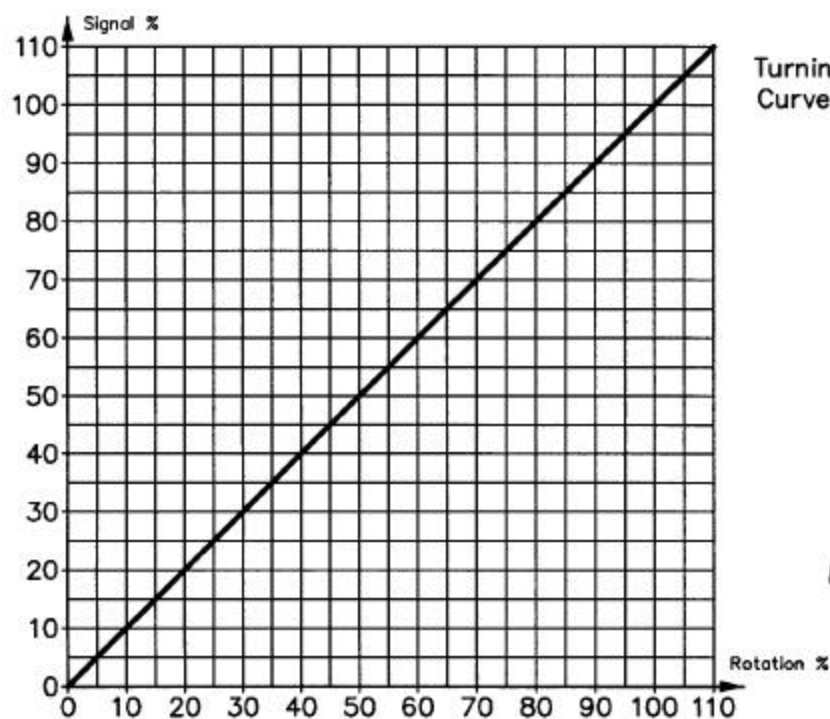
Turning angle = $35^{\circ}+60^{\circ}$
 Curvefunction = Zero Lift+Linear
 Signal range = 0-100%



Turning angle = $25^{\circ}+70^{\circ}$
 Curvefunction = Zero Lift+Linear
 Signal range = 0-100%



		Kamskiva K9	SS 2346	ø48x2	Elpolerad alt.		
DET.NR	ANT.	BENÄMNING	MATERIAL	DIMENSION	ANM.		
HÅL TOL.		EJ UTSATTA TOLERANSER ENL.	YTA	PROJEKTION EUROPA	Trumlad		
—		ISO 2768—m	Ra4				
	PMV Positioner P5			RITAD	GODK.	SKALA	DATUM
				LN		2:1	950809
	PALMSTIERNAS INSTRUMENT AB			RITN.NR P5_K9			
TULEGATAN 15 S-113 53 STOCKHOLM — TEL: +46 (0)8 555 106 00 FAX: +46 (0)8 555 106 01							



Turning angle = 235°
Curvefunction = Linear

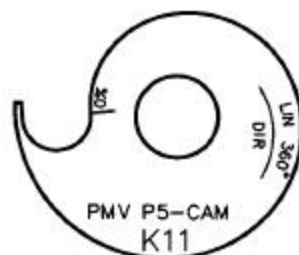
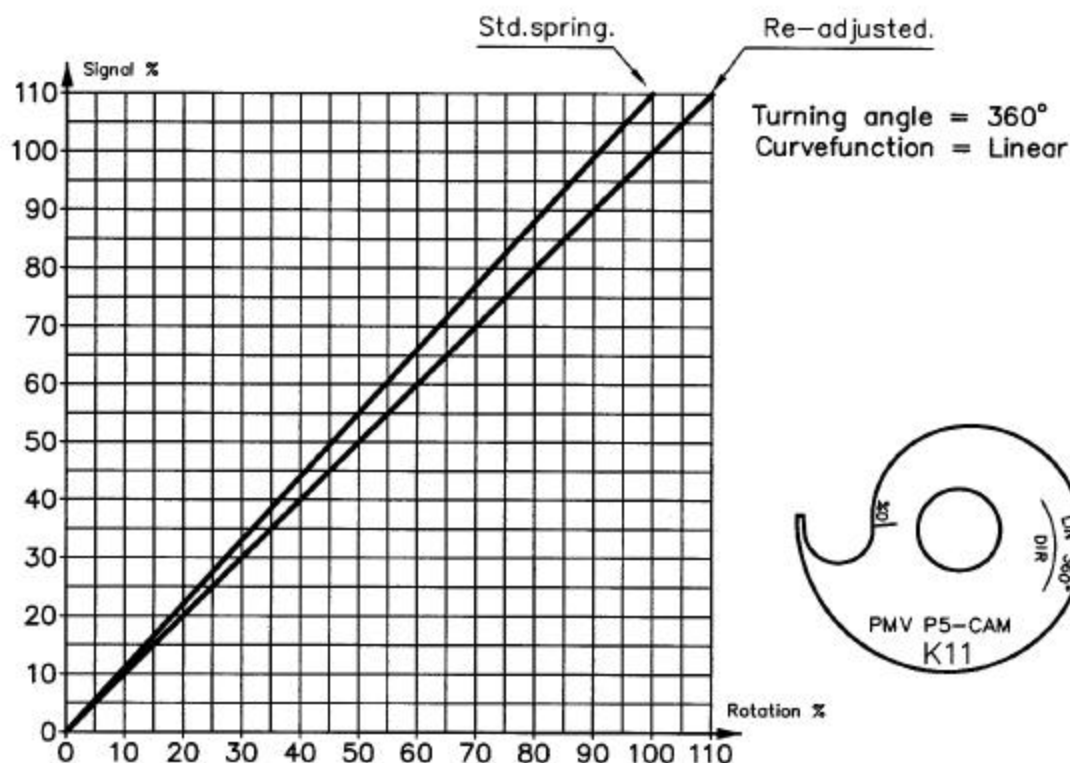


		Kamskiva K10	SS 2346	Ø48x2	Elpolerad alt.		
DET.NR	ANT.	BENÄMNING	MATERIAL	DIMENSION	ANM.		
HÅL TOL.		EJ UTSATTA TOLERANSER ENL.	YTA	PROJEKTION EUROPA	Trumlad		
—		ISO 2768—m	Ra4				
	PMV Positioner P5			RITAD	GODK.	SKALA	DATUM
				LN		2:1	960522
	PALMSTIERNAS INSTRUMENT AB			RITN.NR			
				P5_K10			
TULEGATAN 15 S-113 53 STOCKHOLM - TEL: +46 (0)8 555 106 00 FAX: +46 (0)8 555 106 01							

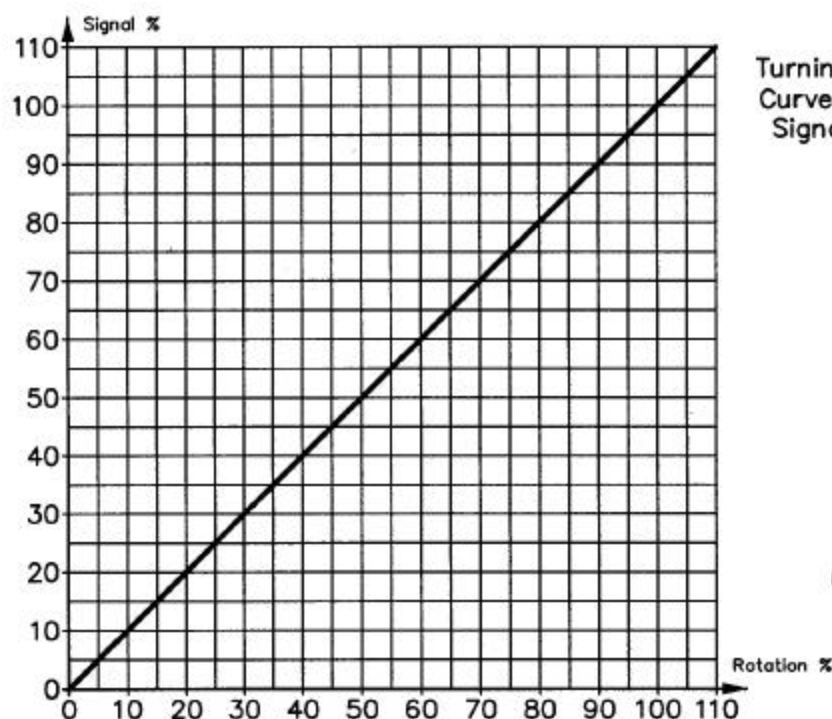
Note!

Span on std.feedback spring must be increased 10%
because the cam has 110% "lift" for 360°(100%) rotation.

If not re-adjusted, full signal will only give ≈330° rotation.



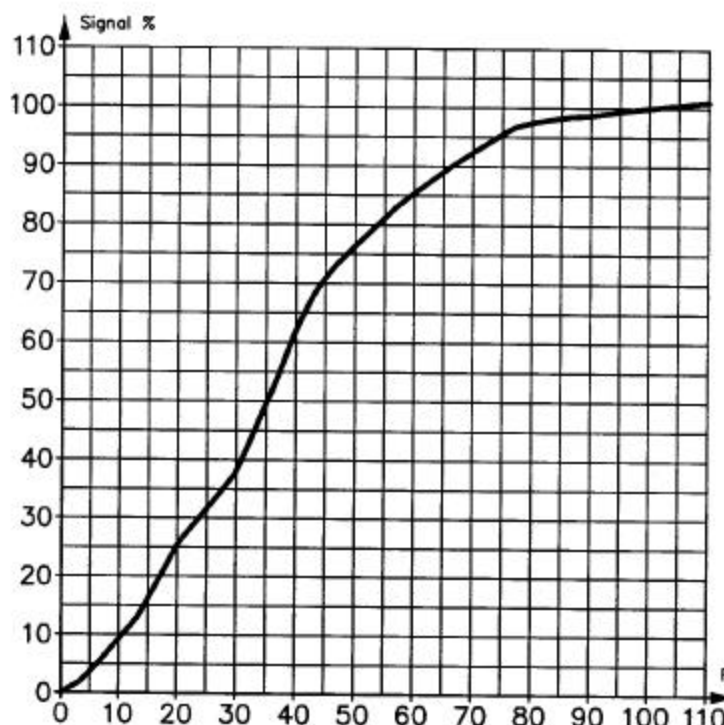
		Kamskiva K11	SS 2346	ø48x2	Elpolerad alt.		
DET.NR	ANT.	BENÄMNING	MATERIAL	DIMENSION	ANM.		
HÅL TOL		EJ UTSATTA TOLERANSER ENL.	YTA	PROJEKTION EUROPA			
—		ISO 2768—m	Ra4	 	Trumlad		
	PMV Positioner P5 PALMSTIERNAS INSTRUMENT AB			RITAD	GODK.	SKALA	DATUM
				LN		2:1	960528
				RITN.NR P5_K11			
TULEGATAN 15 S-113 53 STOCKHOLM — TEL: +46 (0)8 555 106 00 FAX: +46 (0)8 555 106 01							



Turning angle = 145°
 Curvefunction = Linear
 Signal range = 0–100%



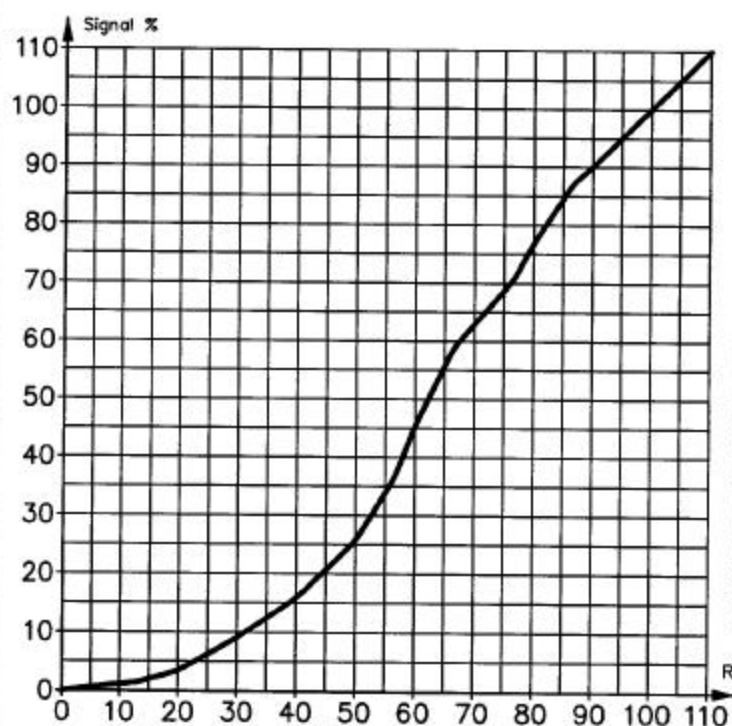
		Kamskiva K12	SS 2346	ø48x2	Elpolerad alt.		
DET.NR	ANT.	BENÄMNING	MATERIAL	DIMENSION	ANM.		
HAL TOL.		EJ UTSATTA TOLERANSER ENL.	YTA	PROJEKTION EUROPA	Trumlad		
—		ISO 2768—m	Ra4				
	PMV Positioner P5			RITAD	GODK.	SKALA	DATUM
				LN		2:1	960921
	PALMSTIERNAS INSTRUMENT AB			RITN.NR			
				P5_K12			
TULEGATAN 15 S-113 53 STOCKHOLM — TEL: +46 (0)8 555 106 00 FAX: +46 (0)8 555 106 01							



Turning angle = 90°
Curvefunction = Table
Signal range = 0-100%

TABLE (F16A.TAB)

Rotation	Signal
0	0
3.3	1.9
6.6	5.3
13.3	13.1
16.6	19.1
20	25.6
26.6	33.6
30	38
36.6	53.3
40	62.2
43.3	68.7
46.6	73
50	76.4
56.6	82.7
60	85.4
66.6	90.2
70	92.4
76.6	96.5
80	97.5
83.3	98
86.6	98.5
90	98.7
96.6	99.6
100	100
110	101

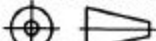


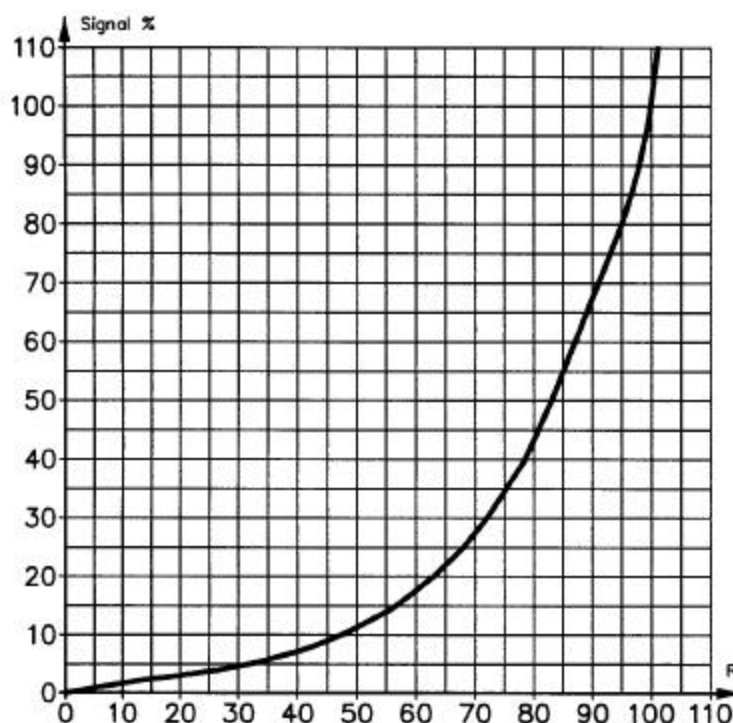
Turning angle = 90°
Curvefunction = Table
Signal range = 0-100%

TABLE (F16B.TAB)

Rotation	Signal
0	0
3.3	.4
9.9	1.1
13.3	1.5
16.6	2.4
20	3.4
26.6	7.1
30	9.1
33.3	11.3
36.6	13.5
40	15.8
46.6	22.2
50	25.6
56.6	36.5
60	45.4
66.6	59
70	62.9
76.6	70.5
80	76.9
86.6	87.1
90	90.1
93.3	93.4
96.6	96.7
100	100
110	110



		Kamskiva K13	SS 2333	ø48x2	Elpolerad alt.	
DET.NR	ANT.	BENÄMNING	MATERIAL	DIMENSION	ANM.	
HÅL TOL.		EJ UTSATTA TOLERANSER ENL.	YTA	PROJEKTION EUROPA		
—		ISO 2768—f	Ra4		Trumlad	
	PMV Positioner P5			RITAD	GÖDK.	SKALA
				LN		2:1
	PALMSTIERNAS INSTRUMENT AB			RITN.NR		
P5_K13						
TULEGATAN 15 S-113 53 STOCKHOLM — TEL: +46 (0)8 555 106 00 FAX: +46 (0)8 555 106 01						

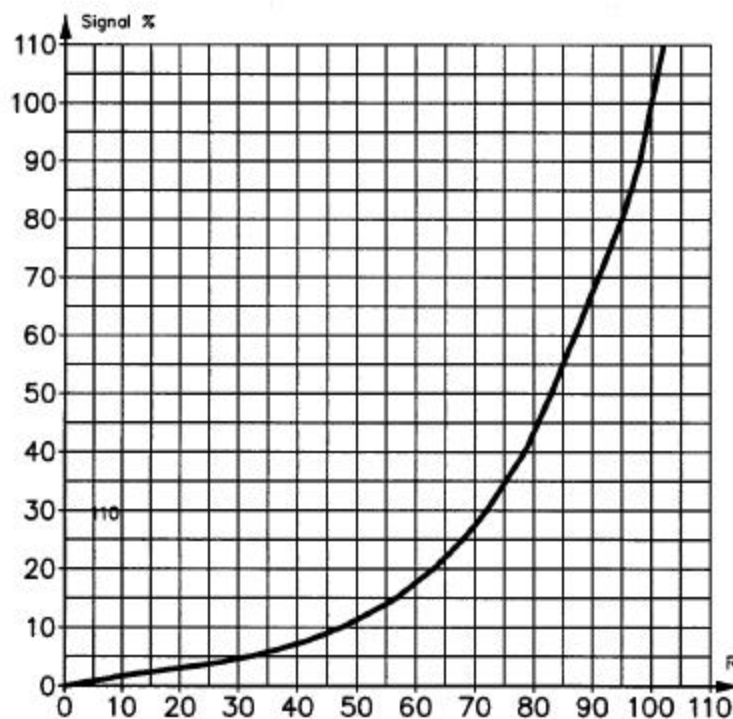
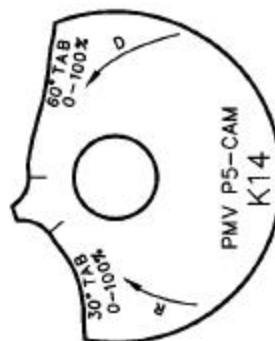


Turning angle = 60°
Curve function = Table
Signal range = 0-100%

TABLE (KEMUEDIR.TAB)

Rotation	Signal
0	0
6	1
12	2
20	3
27	4
32	5
35	5.75
39.5	7
42	7.8
45	9
48	10.25
56	14.5
63	20
68	25
72	30
78.5	40
83	50
87	60
91	70
95	80
98	90
100	100
101	110

Rotation %

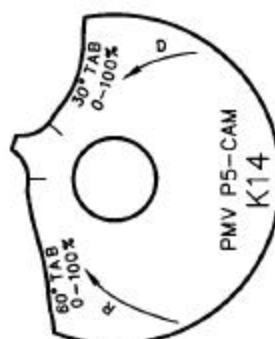


Turning angle = 30°
Curve function = Table
Signal range = 0-100%

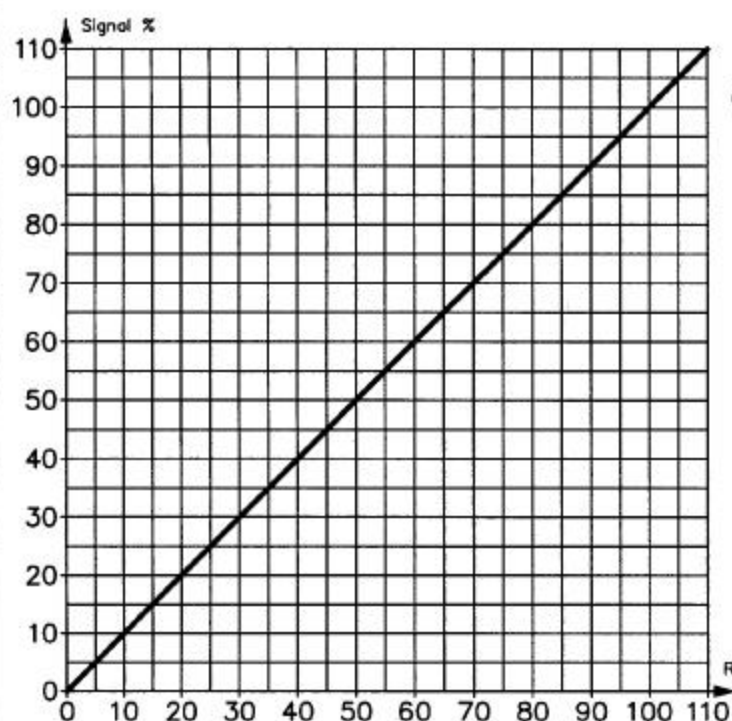
TABLE (KEMUEDIR.TAB)

Rotation	Signal
0	0
6	1
12	2
20	3
27	4
32	5
35	5.75
39.5	7
42	7.8
45	9
48	10.25
56	14.5
63	20
68	25
72	30
78.5	40
83	50
87	60
91	70
95	80
98	90
100	100
101	110

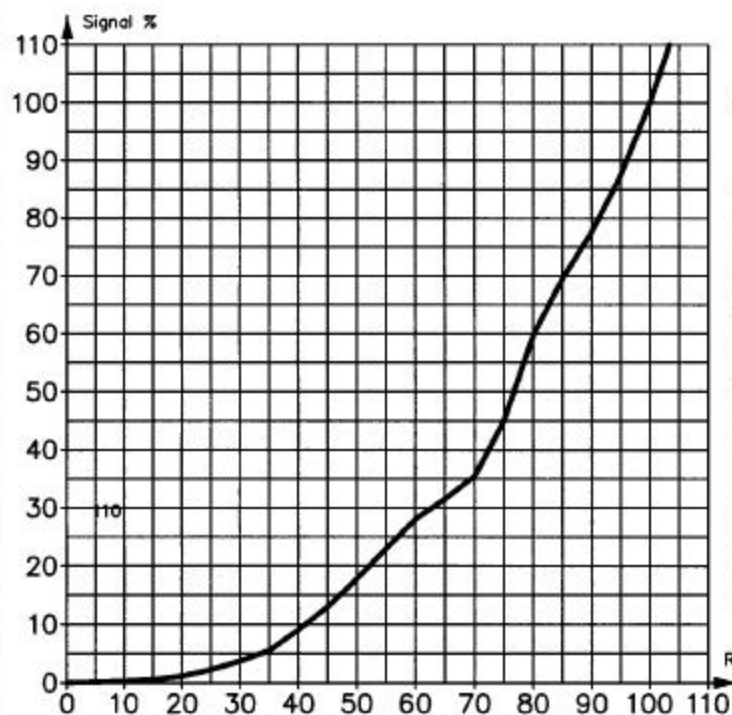
Rotation %



		Kamskiva K14	SS 2333	Ø48x2	Elpolerad alt.		
DET.NR	ANT.	BENÄMNING	MATERIAL	DIMENSION	ANM.		
HAL TOL.		EJ UTSATTA TOLERANSER ENL.	YTA	PROJEKTION EUROPA			
—		ISO 2768—f	Ra4		Trumlad		
	PMV Positioner P5			RITAD	GODK.	SKALA	DATUM
				LN		2:1	970529
	PALMSTIERNAS INSTRUMENT AB			RITN.NR P5_K14			
TULEGATAN 15 S-113 53 STOCKHOLM — TEL: +46 (0)8 555 106 00 FAX: +46 (0)8 555 106 01							



Turning angle = 90°
Curve function = Linear
Signal range = 0-100%



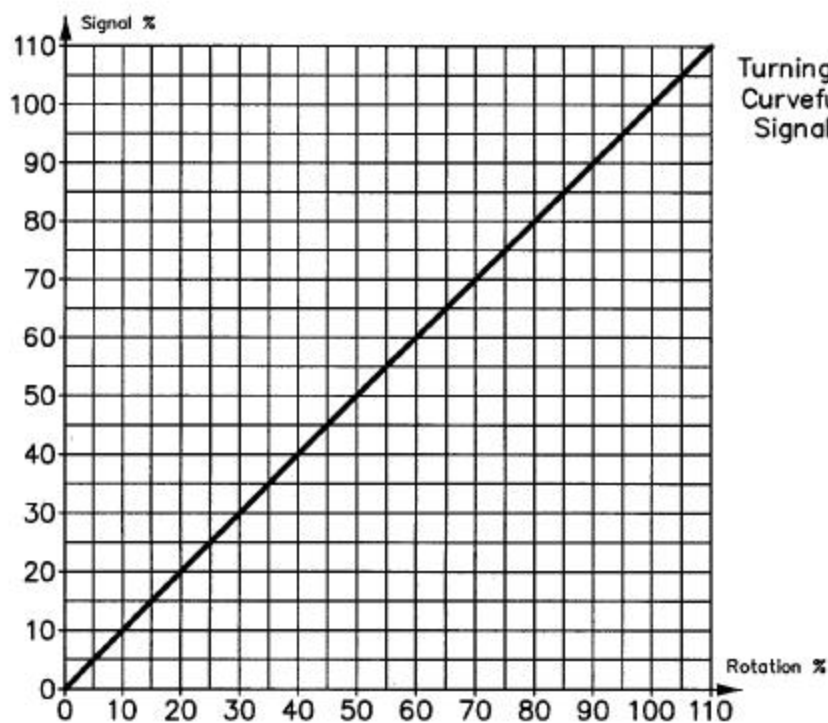
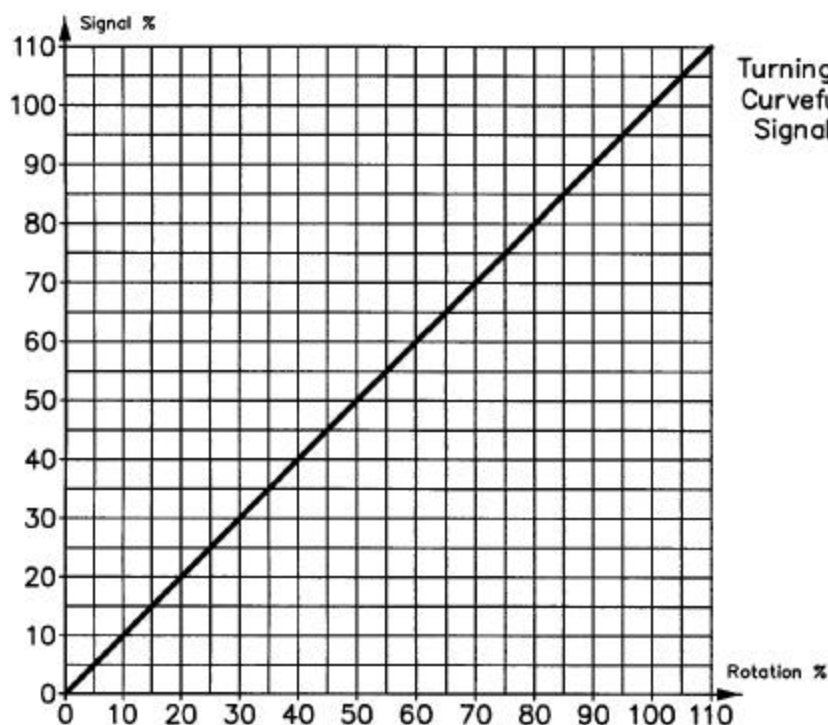
Turning angle = 90°
Curve function = Table
Signal range = 0-100%

TABLE (OMEGAEP.TAB)

Rotation	Signal
0	0
5	0,1
10	0,26
15	0,5
20	1,12
25	2,2
30	3,66
35	5,5
40	9,01
45	13
50	17,81
55	23
60	28,04
65	31,5
70	35,45
75	45
80	59,78
85	69,5
90	77,62
95	87,5
100	100
105	115



		Kamskiva K15	SS 2333	Ø48x2	Elpolerad alt.		
DET.NR	ANT.	BENÄMNING	MATERIAL	DIMENSION	ANM.		
HÅL TOL.		EJ UTSATTA TOLERANSER ENL.	YTA	PROJEKTION EUROPA			
—		ISO 2768—f	Ra4		Trumlad		
	PMV Positioner P5			RITAD	GODK.	SKALA	DATUM
				LN		2:1	970704
	PALMSTIERNAS INSTRUMENT AB			RITN.NR			
				P5_K15			
TULEGATAN 15 S-113 53 STOCKHOLM - TEL: +46 (0)8 555 106 00 FAX: +46 (0)8 555 106 01							



		Kamskiva K17	SS 2346	Ø48x2	Elpolerad alt.		
DET.NR	ANT.	BENÄMNING	MATERIAL	DIMENSION	ANM.		
HAL TOL		EJ UTSATTA TOLERANSER ENL	YTA	PROJEKTION EUROPA	Blanktrumlad		
—		ISO 2768—m	Ra: 4				
	PMV Positioner P5 PALMSTIERNAS INSTRUMENT AB			RITAD	GOOD.	SKALA	DATUM
				CE		2:1	990202
				RITN.NR P5_K17			
TULEGATAN 15 S-113 53 STOCKHOLM — TEL: +46 (0)8 555 106 00 FAX: +46 (0)8 555 106 01							