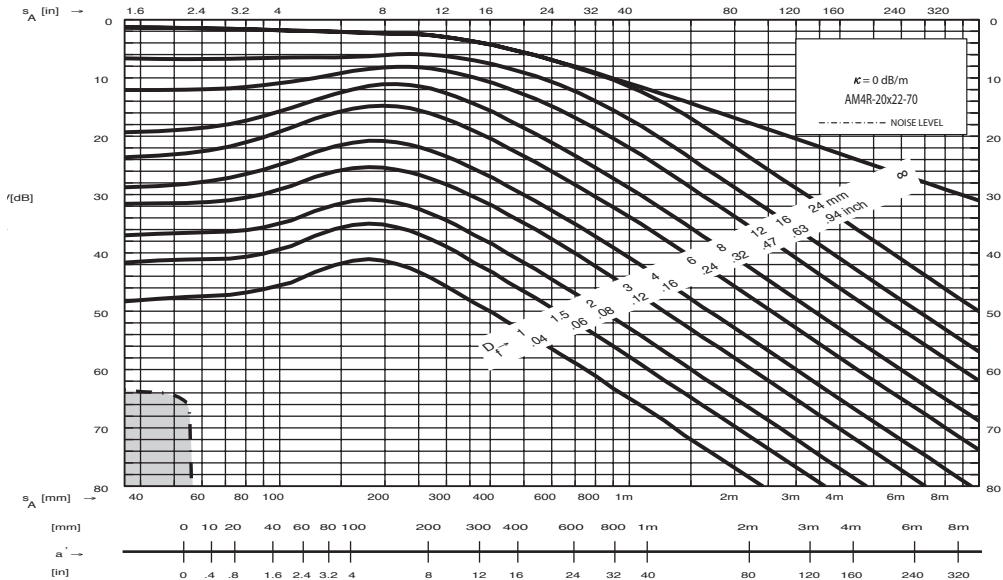
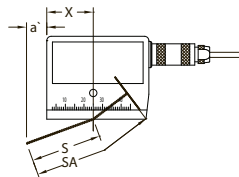


AM4R-20X22-70



PARAMETER parameter/paramètre	NOMINAL nennwert/nominal	UPPER (+) ober bereich/supérieure	LOWER (-) unterer bereich/inférieure	UNIT meßeinheit/unité
f_c^1, f_0^2	4.0	4.4	3.6	MHz
$BW^1, \Delta f_{rel}^2$	40	55	25	%
Z	33	40	26	Ω
Φ	-4	16	-24	°
N	180	216	144	mm
W_{a6}	3.0	3.3	2.7	mm
W_{b6}	5.7	6.3	5.1	mm
a	22.0	22.0	21.8	mm
a_{eff}	21.1	21.4	20.8	mm
b	20.0	20.0	19.8	mm
b_{eff}	19.2	19.5	18.9	mm
$\alpha_{(325m/s)}$	70	72	68	°
$\Delta\alpha/\Delta T$	1.5	1.7	1.3	°/10°C
$lv_{(2743m/s)}$	23.0	25.0	21.0	mm
δ	0	+1	-1	°
e	0	+1	-1	mm
x	30	32	28	mm
γ_{a6}	1.0	1.5	0.5	°
γ_{b6}	1.8	2.3	1.3	°
M	5	n/a	n/a	mm
T_r	-20/+60	n/a	n/a	°C
Waveform duration ¹ , Echo width ² , Echobreite ² , Largeur de l'écho ²				
-20dB	1.2	1.3	n/a	μs

AM4R-20X22-70



$$s_v = 19.4 \pm 2 \text{ mm}$$

$$s = s_A - s_v$$

s_v is the sound field equivalent of delay path length (lv)

s_v entspricht im Schallfeld der Länge der Vorlaufstrecke lv

s_v est l'équivalent du champ acoustique de la longueur de la ligne de retard