



messages
Warning: bending !
Error : tau_{kh}>tau_{hperm}! S=0.58

R = 0.404 N/mm
d = 0.85±0.015mm
Dm = 13.05±0.25mm
n = 5.96 coils
Dm/d = 15.35

L0 = 68.48±1.74mm
L1 = 66mm
L2 = 30mm
Ln = 13.36mm
Lc = 9.914-0.17mm

Di = 12.2mm
De = 13.9mm
sh = 36mm
sk = 7.302mm
v = 1
nt = 11.46 coils

s1 = 2.476mm
s2 = 38.48mm
sn = 55.12mm
sc = 58.56mm

fe = 304.7 Hz
k = 1.085
L = 469.9mm
tan al.= 0.26
m = 2.093g
G = 82000N/mm²
Rm = 2360N/mm²
tau_z= 1322N/mm²
T = 20°C
G20=82000N/mm²

F1 = 1±0.71N
F2 = 15.54±0.85N
Fn = 22.26N
Fc = 23.65N

tau_{k1}= 59 N/mm²
tau_{k2}= 913 N/mm²
tau_{kh}= 854 N/mm²
tau_{an}= 1205 N/mm²
tau_{ac}= 1280 N/mm²
tau_z= 1322 N/mm²
tau_{hz}= 497 N/mm²

EN 10270-1 SH (DIN 17223-1 Type C)
cold-coiled, drawn
spring end pcs. : lined-up and ground
strain : dynamic
perm.tol. De,Di,Dm : to DIN 2095 Quality Class 1
perm.tol. L0 : to DIN 2095 Quality Class 1
perm.tol. F1, F2 : to DIN 2095 Quality Class 1
perm.tol. e1,e2 : to DIN 2095 Quality Class 1
perm.tol. d : to DIN 2076 C

Manufact.compens. : no comment

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