

SYMBOL	VALUE	UNIT	TERM
	Coarse Pitch Involute 20 deg		Standard-Diametral Pitches
Pd	33,0000		Diametral Pitch
m	0,7697		Modular Pitch
ø	20,0000	deg	Pressure Angle
mg	2,0000		Ratio, 1:x
C	28,8636	mm	Center Distance
MA	1,9935	mm	Approach Length
MR	1,8310	mm	Recess Length
mp	1,6832		Contact Ratio

PINION			
Np	25,0000		Number of Teeth
Dp	19,2424	mm	Pitch Diameter
do	20,7818	mm	Major Diameter
dr	17,3182	mm	Minor Diameter
a	0,7697	mm	Addendum
b	0,9621	mm	Dedendum
	0,0000		Addendum Modification Coefficient
	0,0000	mm	Addendum Modification
db	18,0820	mm	Base Diameter
ht	1,7318	mm	Whole Depth
p	2,4181	mm	Circular Pitch
	0,2309	mm	Fillet Radius
B	0,0000	mm	Backlash
t	1,2090	mm	Tooth Thickness
F	1,0000	mm	Face Width
dw	1,3300	mm	Pin Diameter
M	21,0519	mm	Measurement Over Pins
	3,0000		Number of Teeth to Gage Over
	5,9501	mm	Chordal Measurement

GEAR			
Ng	50,0000		Number of Teeth
Dg	38,4848	mm	Pitch Diameter
Do	40,0242	mm	Major Diameter
Dr	36,5606	mm	Minor Diameter
a	0,7697	mm	Addendum
b	0,9621	mm	Dedendum
	0,0000		Addendum Modification Coefficient
	0,0000	mm	Addendum Modification
Db	36,1639	mm	Base Diameter
ht	1,7318	mm	Whole Depth
p	2,4181	mm	Circular Pitch
	0,2309	mm	Fillet Radius
B	0,0000	mm	Backlash
t	1,2090	mm	Tooth Thickness
F	1,0000	mm	Face Width
dw	1,3300	mm	Pin Diameter

M	40,3545	mm	Measurement Over Pins
	6,0000		Number of Teeth to Gage Over
	13,0364	mm	Chordal Measurement

