

MAR. 27/19

Power is rating

 I_{23}

No=10 Ng = 20

backlash - :mpact

Rp = 100 Rpm Rg = 500 RPM

Common normal line

My = const. P is Fixed point

W3 = My Wz

OBP = Pg

Pe = Ttd Pe TT/Pa

(Pitch circle)

where d = diameter of pitch circle

N = No. of teeth

Pd = N (teeth) - Small number, large teeth (stronger) large number, small teeth (weaker)

Mp = 1 (one pair :n teeth in contact) Mp < 1 (brief period where there is no contact preferred __ Mp > 1 (some overlapping period of contact)