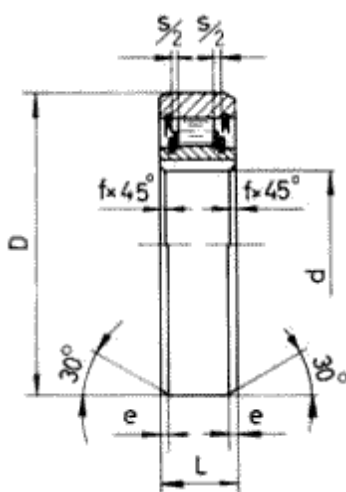




PS TYPE



| SIZE dH2 mm | Nominal Torque ¹ TN Nm | OVERRUNNING SPEED ² | | Dr6 mm | Lmm | S mm | e mm | f mm | Weight kg |
|-------------------|-----------------------------------------|--------------------------------|-------------------------|--------|-----|---------|---------|---------|--------------|
| | | max Innerface RPM | max Outerface RPM | | | | | | |
| 10 | 4.5 | 3500 | 5200 | 30 | 9 | 0.6 | 0.6 | 0.3 | 0.03 |
| 12 | 7.5 | 3200 | 4800 | 32 | 10 | 0.6 | 0.6 | 0.3 | 0.04 |
| 15 | 8.5 | 2800 | 4300 | 35 | 11 | 1.2 | 0.6 | 0.3 | 0.05 |
| 20 | 24 | 2200 | 3300 | 47 | 14 | 1.2 | 0.8 | 0.8 | 0.12 |
| 25 | 35 | 1900 | 2900 | 52 | 15 | 1.2 | 0.8 | 0.8 | 0.14 |
| 30 | 56 | 1600 | 2400 | 62 | 16 | 1.6 | 0.8 | 1 | 0.22 |
| 35 | 90 | 1300 | 2000 | 72 | 17 | 2.6 | 1.8 | 1 | 0.31 |
| 40 | 115 | 1200 | 1800 | 80 | 18 | 1.6 | 1.8 | 1 | 0.39 |
| 45 | 130 | 1000 | 1600 | 85 | 19 | 2.6 | 1.8 | 1 | 0.44 |
| 50 | 140 | 950 | 1500 | 90 | 20 | 2.6 | 1.8 | 1 | 0.49 |
| 55 | 190 | 800 | 1300 | 100 | 21 | 2.6 | 2.7 | 1 | 0.66 |
| 60 | 300 | 700 | 1100 | 110 | 22 | 1.6 | 2.7 | 1.5 | 0.81 |
| 80 | 580 | 600 | 900 | 140 | 26 | 2.6 | 2.7 | 1.5 | 1.41 |

KEYWAYS:

PS 10.PS 12 TO DIN 6885 PAGE 1,OTHER SIZE PAGE 3

1)T MAX IS 2.5 x NOMINAL TORQUE (Tn)FOR SHORT PERIODS ONLY.

2)THE INDICATED MAXIMUM OVERRUNNING (IDLING) SPEED ARE VALID FOR PRESSURE LUBRICATION ONLY.FOR OIL BATH LUBRICATION 65% OF INDICATED SPEEDS. IF HIGHER SPEEDS ARE REQUIRED OTHER THAN THOSE LISTED PLEASE CONSULT

THE ASSAMBLY DIMENSIONS OF CLUTCHES PS ARE IDENTICAL TO THOSE OF BALL-BEARING SIZES SERIES 62. DRIVE TO THE INNER RACE IS TRANSMITTED BY A KEY WAY AND TO THE OUTER RACE BY A PRESS FIT. WE RECOMMEND THE FOLLOWING LIMITS:

SHAFT Dn6 OR j6 BORE DH7 OR J7

THIS TYPE OF FREEWHEEL DONOT HAVE THE BEARINGS,HENCE THE OUTER AND INNER RACES MUST BE PRECISELY CENTERED AND ALIGNED WITH RESPECT TO EACH OTHER BY PROVIDING EXTERNAL BEARING SUPPORT.

WHILE INSTALLING ,A CARE SHOULD BE TAKEN THAT THERE IS NO RELATIVE AXIAL TORCE BETWEEN INNER AND OUTER RACES OF FREEWHEEL.PRESS IN AND REMOVAL OF INNER AND OUTER RACE SHOULD BE DONE SIMULTANEOUSLY.

FOR INDEXING APPLICATIONS. FREEWHEEL CAN BE SUPPLIED WITH STRONGER 'V' OR 'VV' SPRINGS.THE BEST INDEXING ACCURACY IS REACHED BY USING LUBRICATING OILS WITH A LOW VISCOSITY OF ABOUT 12 mm²/sec AT OPERATING TEMPERATURE.

11,VASTA HOUSE,GR.FLOOR,JANMABOOMI MARG,
FORT ,MUMBAI -400001 ,INDIA.

TEL:91-22-22844307/22871995/22872449

FAX:91-22-22873597/22870770

E-mail:info@wiperdrive.com,WEB SITE:www.wiperdrive.com