PSL, a. s.
Robotnícka
017 01 Považská Bystrica
Slovakia

Quality For Heavy Duty

WORM DRIVE – DESIGN WORKSHEET

Company:
Address:

Name:
Department
Tel:
Fax:
E-mail:

Application/Type of machine:

Axis of rotation*:
– vertical ☐
– horizontal ☐
– angular ☐ ..... °
– variable ☐

Rotation mode*:
– continuous rotation ☐
– intermittent rotation ☐
– cyclic or positioning only ☐

Load characteristics*
Bearing under compression ☐ shocks ☐
tension ☐ vibrations ☐

Load		working load average	working load maximum	test	extreme
axial	[kN]				
	lb				
radial	[kN]				
	lb				
tilting moment	[kNm]				
	[10^3.lb.ft]				
torque	[kNm]				
	[10^3.lb.ft]				

Drive ratio* 60 ☐ 85 ☐ 103 ☐
65 ☐ 90 ☐ 107 ☐ other .....

Rotational speed
average ..... min^{-1} maximum ..... min^{-1}
cyclic operation: number of cycles/hour ..... cycles/hour
working angle ± .....

Operating conditions
number of operating hours ..... hours/day thereof rotational (oscillatory) time ..... %
number of operating hours ..... hours/year required life ..... hours

Operating temperature ..... °C
outer ring ..... °C inner ring ..... °C

Driving motor
type ..... torque .....
coupling of driving motor* at the left side ☐ at the right side ☐

Remarks: (environmental conditions, dustiness, humidity, aggressive properties, etc.)

Necessary data
Required date of offer ..... Quoted quantity ..... pcs
Required date of delivery ..... Annual requirements ..... pcs/year

Please fully complete this form. Incomplete information will delay our proposal.
Individual consultation required. Please call for appointment.* ☐
*Please check appropriate

Date: Signature:

Tel.: +421-42-43 71 111 • Fax: +421-42-43 26 644 • E-mail: pslpb@psl.sk • www.psl.sk