



DRIVE SURVEY AND ENERGY SAVINGS WORKSHEET

CUSTOMER DETAILS														
Date:				Number of drives:										
Customer:				Location:										
Chains			V-belts			Synchronous belts			Multi-ribbed belts			Couplings		
INSTALLED DRIVE COMPONENTS														
Used drive:	Chain	Pitch (mm):		Width (mm):		Length (mm):		Number of teeth:						
	V-belt	Section:				Length (mm):		Number of belts:						
	Synchronous belt	Pitch (mm):		Width (mm):		Length (mm):		Number of teeth:						
	Multi-ribbed belts	Section:				Length (mm):		Number of ribs:						
Used driveR pulley	Dn (mm):			Width (mm):				Number of teeth:						
Used driveN pulley	Dn (mm):			Width (mm):				Number of teeth:						
Conditions of the installed drive components:														
DRIVER						DRIVEN								
Type and description:						Machine designation:								
Name of the drive:														
Rated:			kW	<input type="checkbox"/>	Peak:			kW	<input type="checkbox"/>					
Torque:			Nm	<input type="checkbox"/>	Max. torque:			Nm	<input type="checkbox"/>					
Rated constant speed:			rpm	chk	Rated constant speed:			rpm	chk					
If variable speed, give						If variable speed, give								
min. rpm			max. rpm			min. rpm			max. rpm					
Shaft diameter (mm):			Shaft length (mm):			Shaft diameter (mm):			Shaft length (mm):					
Keyway width (mm):						Keyway width (mm):								
Keyway depth (mm):						Keyway depth (mm):								
Set screw:						Set screw:								
Max. O.D. (mm):		Max. width (mm):				Max. O.D. (mm):		Max. width (mm):						
include flange		include hub				include flange		include hub						
CENTRE DISTANCE REQUIRED														
Min. (mm):			Max. (mm):			Type CD adjustment:								
If idler is used, give location:						Adjustable base or slide rails								
Inside		Outside		Slack side		Tight side		None						
SPECIAL LOAD AND SERVICE CONDITIONS														
Temperature (abnormal):			°C		Excess:									
Hours in operation per year (approx.):						Oil		Dust		Water				
						Abrasives		Static						
Starting:														
Direct on line			Soft start			VSD			Star/Delta					
ENERGY SAVINGS INFORMATION														
Hours of operation:						Energy cost per kW/hour:								
Hours per day:						Cost of manpower maintenance/hour:								
Days per week:						Frequency of maintenance/year:								
Weeks per year:						Production downtime cost/hour:								
MACHINE STATUS														
Motor mount: double screw base?		Yes	No		Duty cycle: number of start/stops									
Adequate structure?		Yes	No		Times per									
Motor mounted on sheet metal?		Yes	No		hour:			day:						
Floating/pivot motor base?		Yes	No		week:									
SPECIAL INSPECTION REQUIRED														