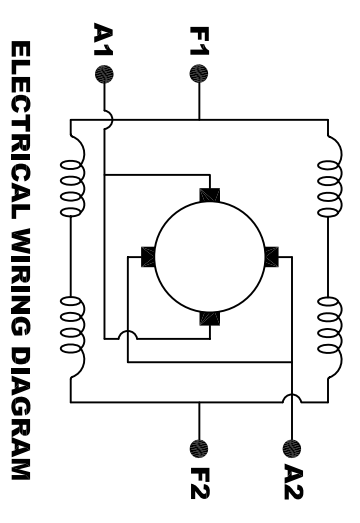


SPEED SENSOR ELECTRICAL SPECIFICATION:
 -4.5V TO 24V OPERATING VOLTAGE
 -20°C TO 85°C OPERATING TEMPERATURE
 -CURRENT SINKING UP TO 25mA
 -AN EXTERNAL OUTPUT PULL UP RESISTOR IS REQUIRED
 -SENSOR IS DESIGNED TO OPERATE WITH 4 N/S POLEPAIRS
 THE OPERATIONAL DISTANCE BETWEEN THE MAGNET
 AND THE HOUSING, INCLUDING ANY RUNOUT
 SHOULD NOT EXCEED .030 INCHES



MOTOR WIRING CONNECTIONS:
CW ROTATION DRIVE END
 CONNECT A1 & F1 TO ONE BATTERY TERMINAL
 CONNECT A2 & F2 TO OTHER BATTERY TERMINAL
CCW ROTATION DRIVE END
 SWITCH F1 & F2 CONNECTIONS

SPLINE DESIGNATION
 22 x 1.0 x 30°
 HARDNESS ON SPLINE TO BE INDUCTION HARDENED / OIL QUENCHED
 TO R/C 52 - 58, MIN. DEPTH .02 - .03
 SHAFT MATERIAL: C-1144 STRESS PROOF STEEL

MOTOR WEIGHT: XX LBS
CLASS "H" INSULATION
PERFORMANCE SPEC: X

THIS PRINT IS THE PROPERTY OF D&D MOTOR SYSTEMS INC.
 DO NOT SCALE
 WORK TO DIMENSIONS
 TOLERANCES UNLESS OTHERWISE SPECIFIED ARE AS FOLLOWS

.XX	.01
.XXX	.005
.XX ROUGH CASTING	.03
HOLES	-.001 / +.006
ANGLES	0°30"

D & D MOTOR SYSTEMS INC		MOTOR OUTLINE	
SIZE	DRAWN DATE	RELEASE DATE	DWG NO. / PART NO.
B	12-6-02		ES-41B
SCALE	STF	DRAWN BY	MJG
		REV DATE	5-8-13
		REV	R2