

GRINDING, MILLING AND ROUTING SPINDLE

06526

CW/CCW ROTATION AVAILABLE

INTERCHANGEABLE COLLET SYSTEM

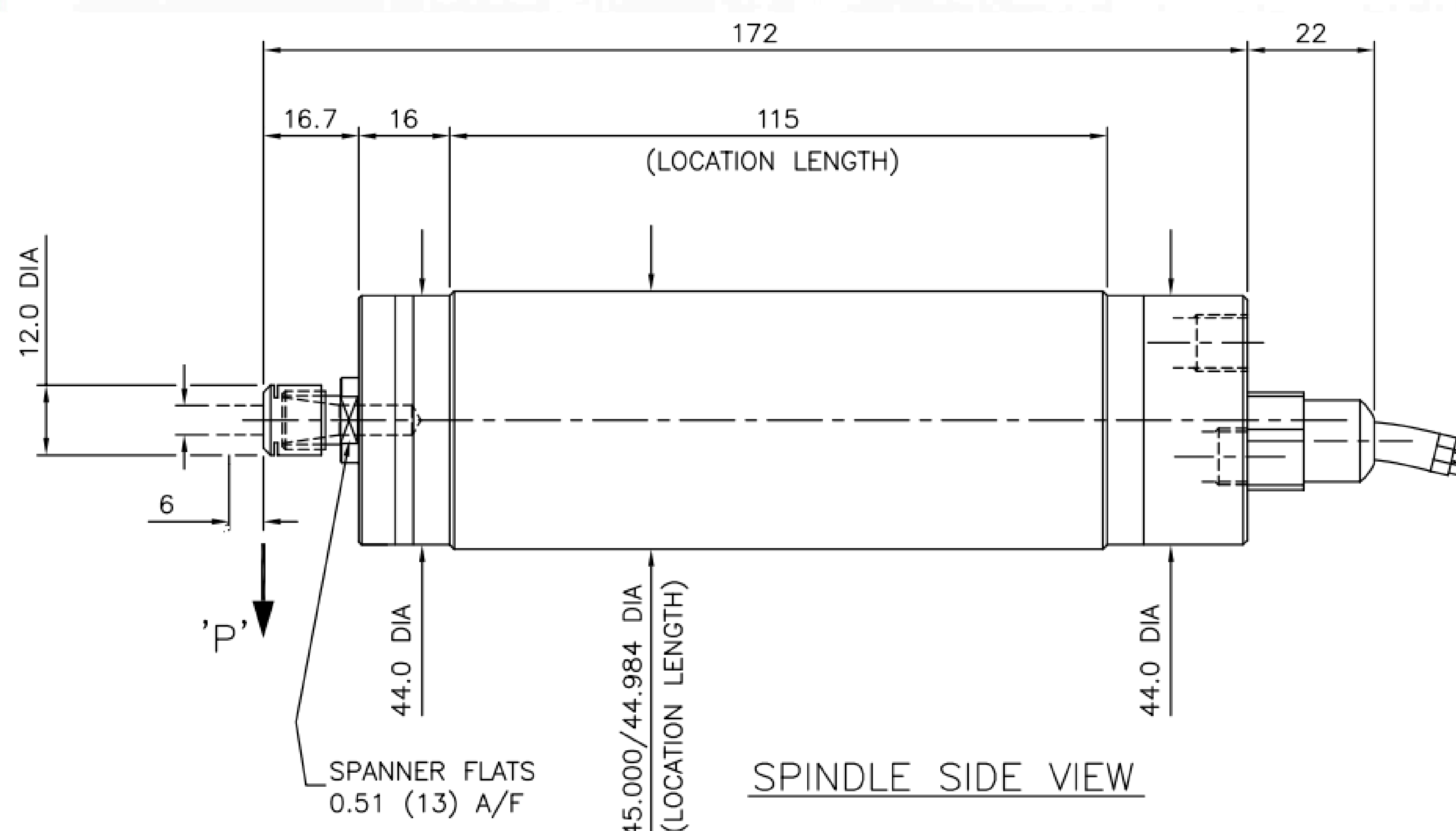
IDEAL SPINDLE FOR GRINDING,
MILLING AND ROUTING

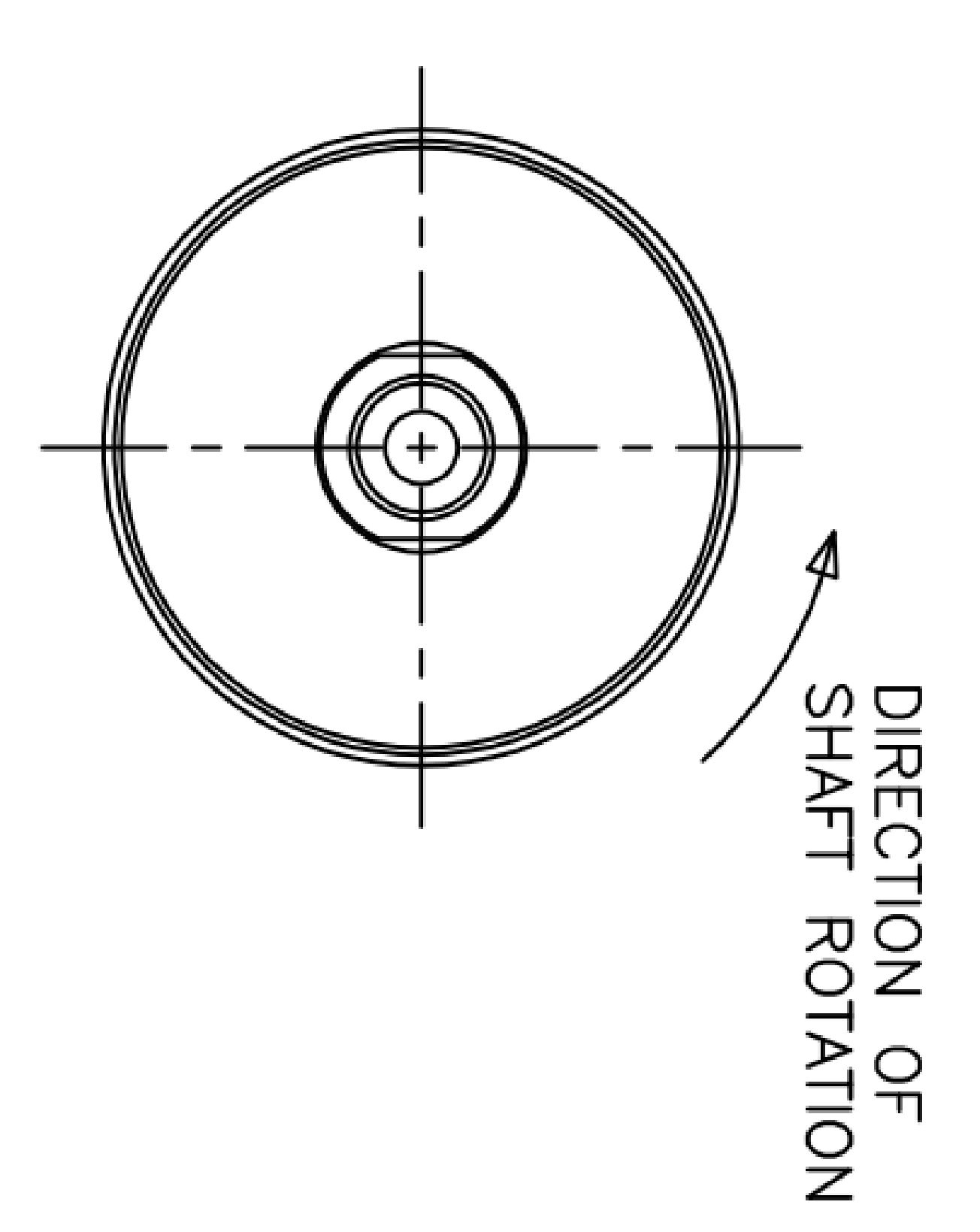
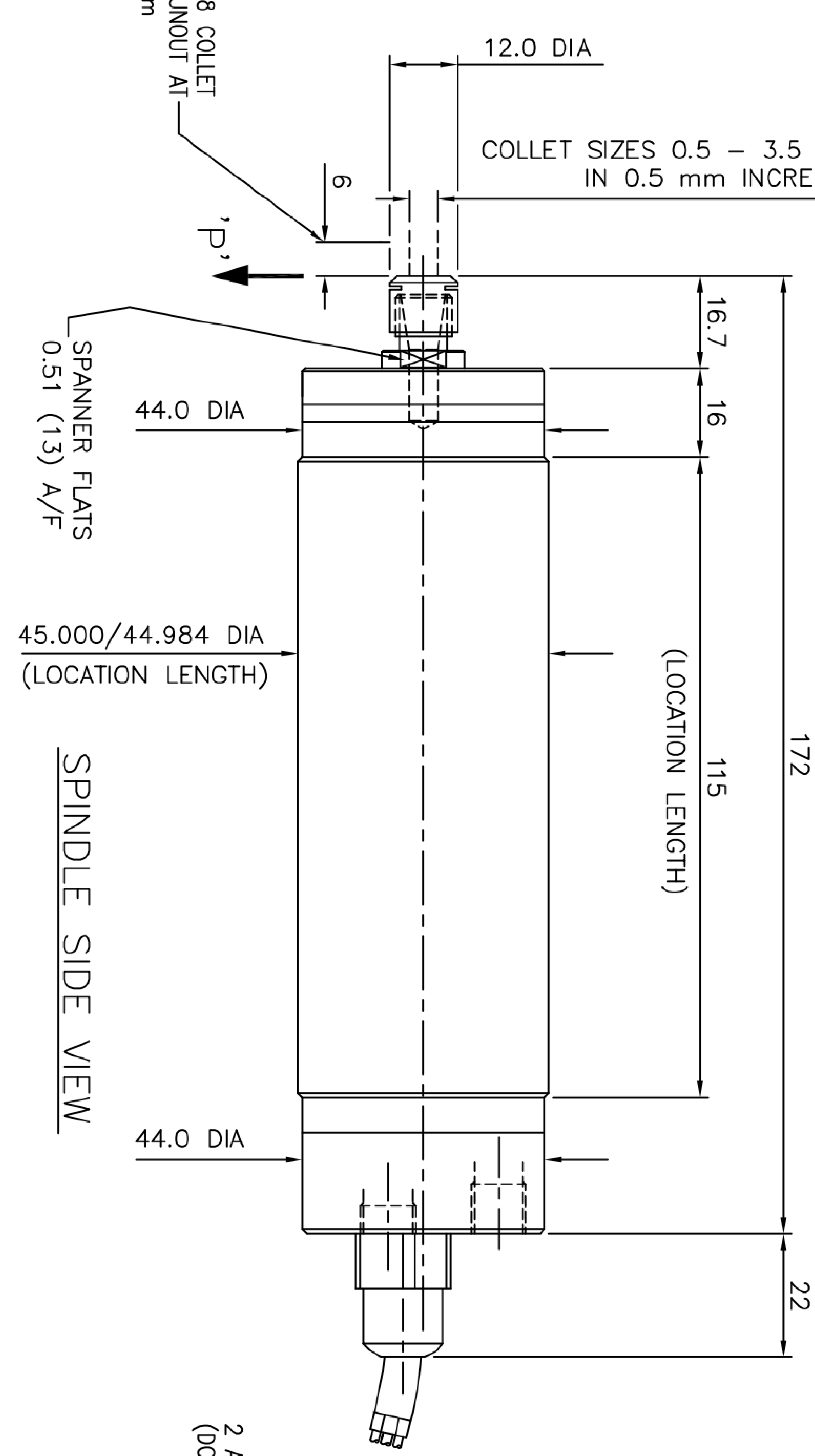
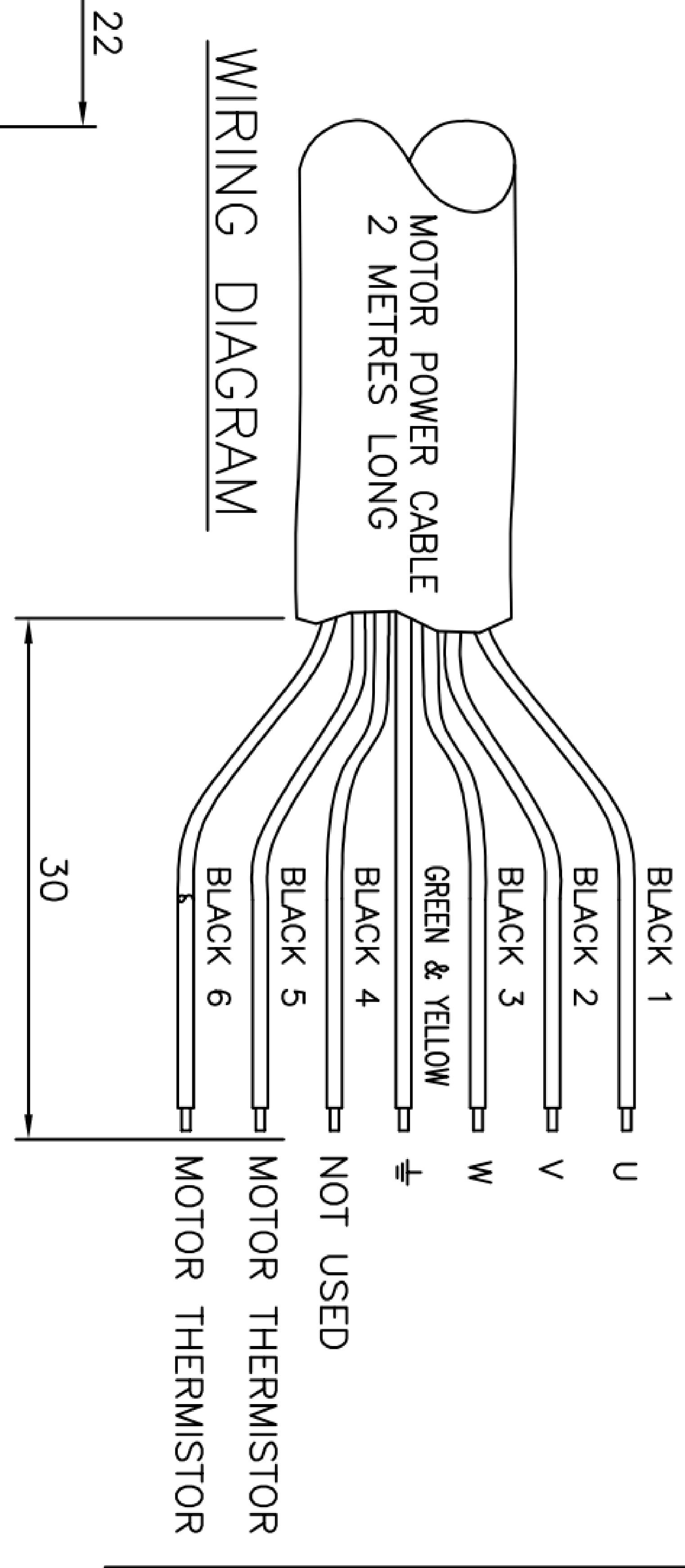
Speed Max	60,000 RPM
Motor Type	3 phase, 2 pole AC
Motor Power	120 Watts
Collet Bore Sizes	1mm—5mm
Air Supply Pressure	5.5 bar
Bearing Air Consumption	50 L/min
Axial Failure Load	> 75 N
Collet Torque (Max)	6 Nm
Dynamic Runout at Tool	≤ 5 μm
Weight (Approx)	1.5 Kg
Body Diameter (Nominal)	45 mm



KEY BENEFITS

- COLLETS UP TO 6 MM IN DIAMETER CAN BE SWAPPED WITHOUT THE NEED FOR SHAFT REBALANCING, ENHANCING FLEXIBILITY
- THE FRONT THRUST BEARING DESIGN, AIR COOLED BODY AND BEARINGS GUARANTEE PRECISE MACHINING ACCURACY
- UNLIKE BALL BEARING SPINDLES, OUR AIR BEARING SPINDLES OFFER A WIDE SPEED RANGE, SMOOTH ROTATION, LOW VIBRATION, AND LONG PRODUCT LIFESPAN
- EQUIPPED WITH POWERFUL AC MOTORS AND SPEED FEEDBACK CAPABILITIES, THEY ARE BUILT TO ENHANCE PRODUCTIVITY

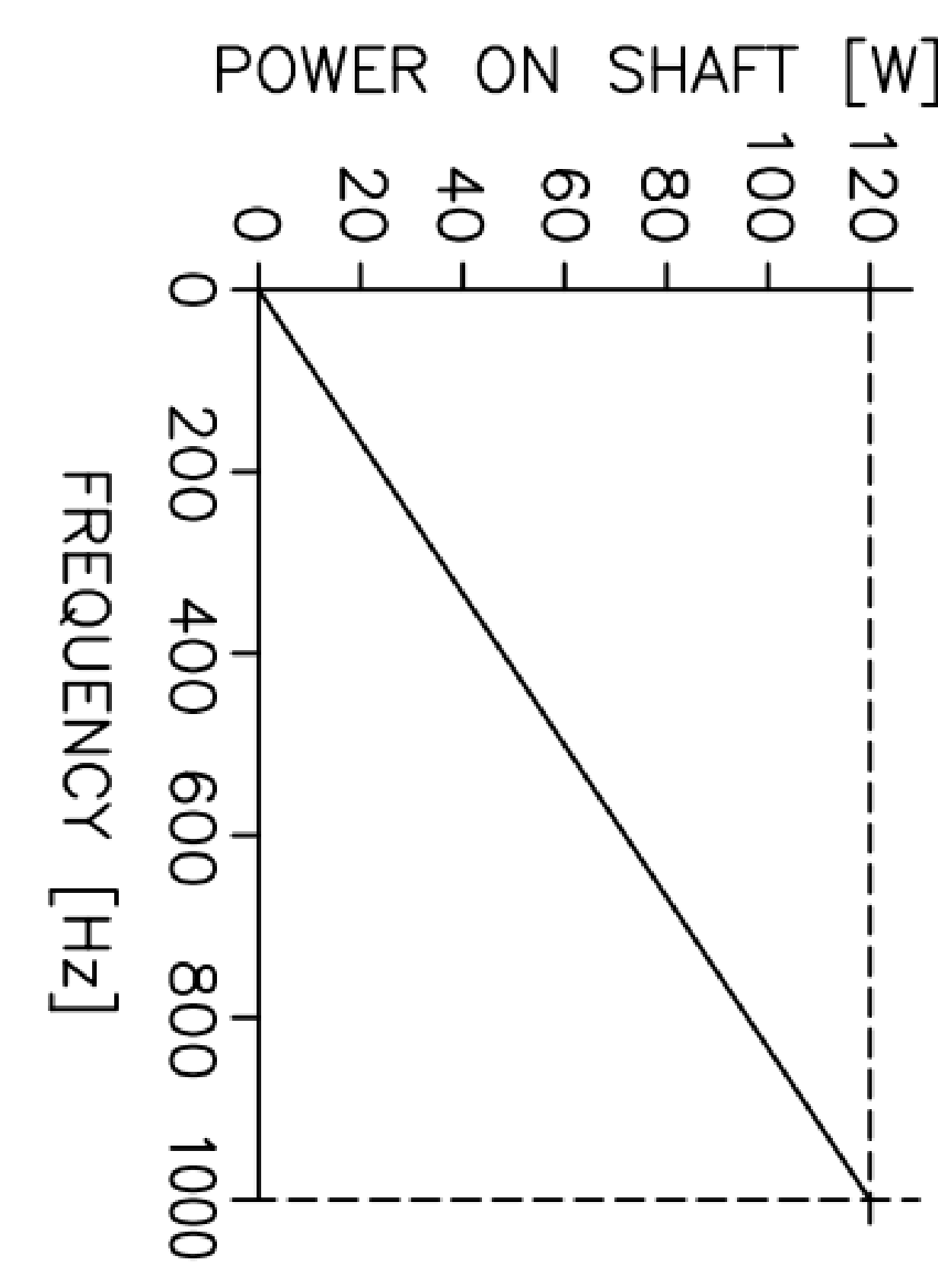
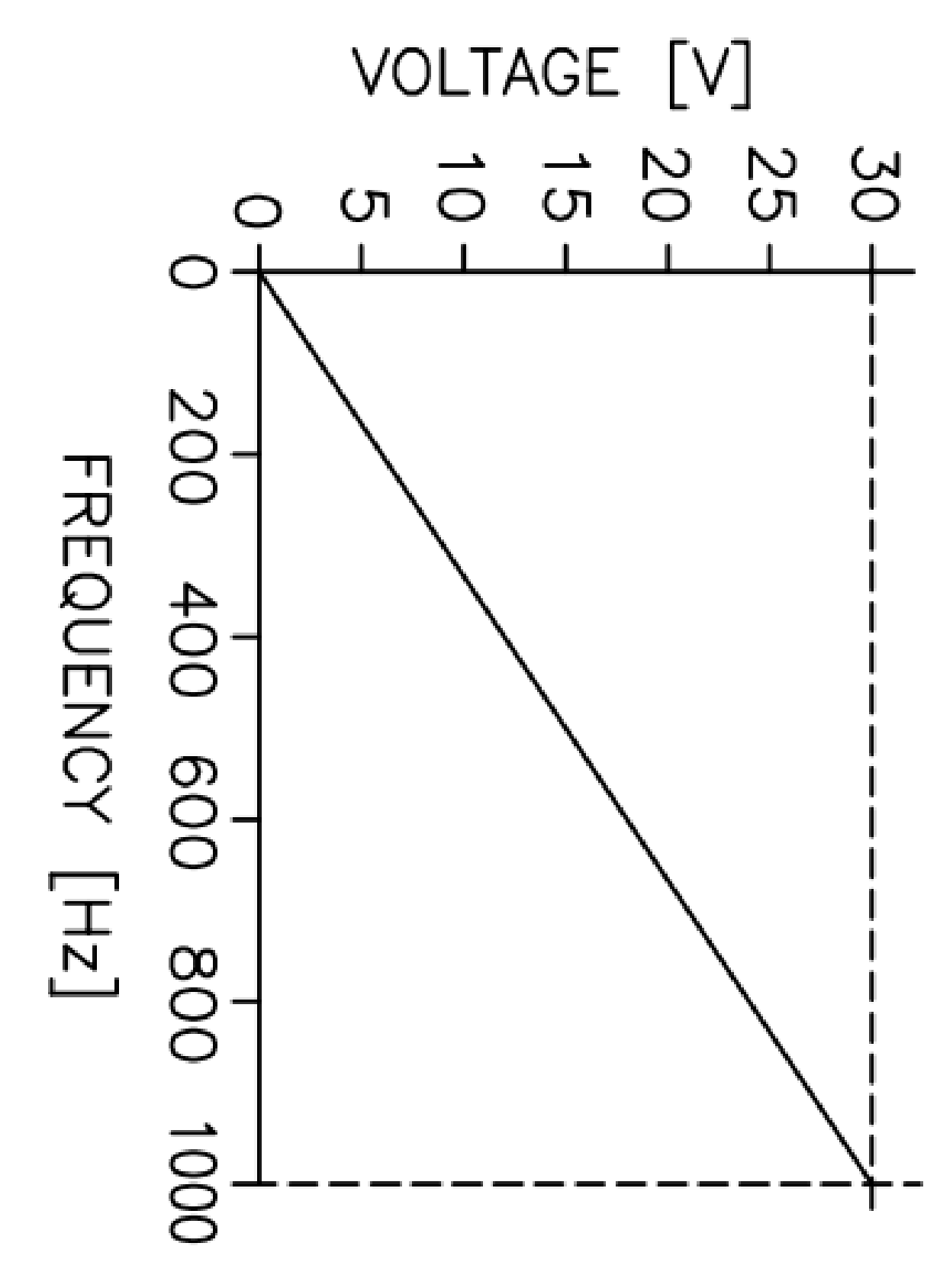
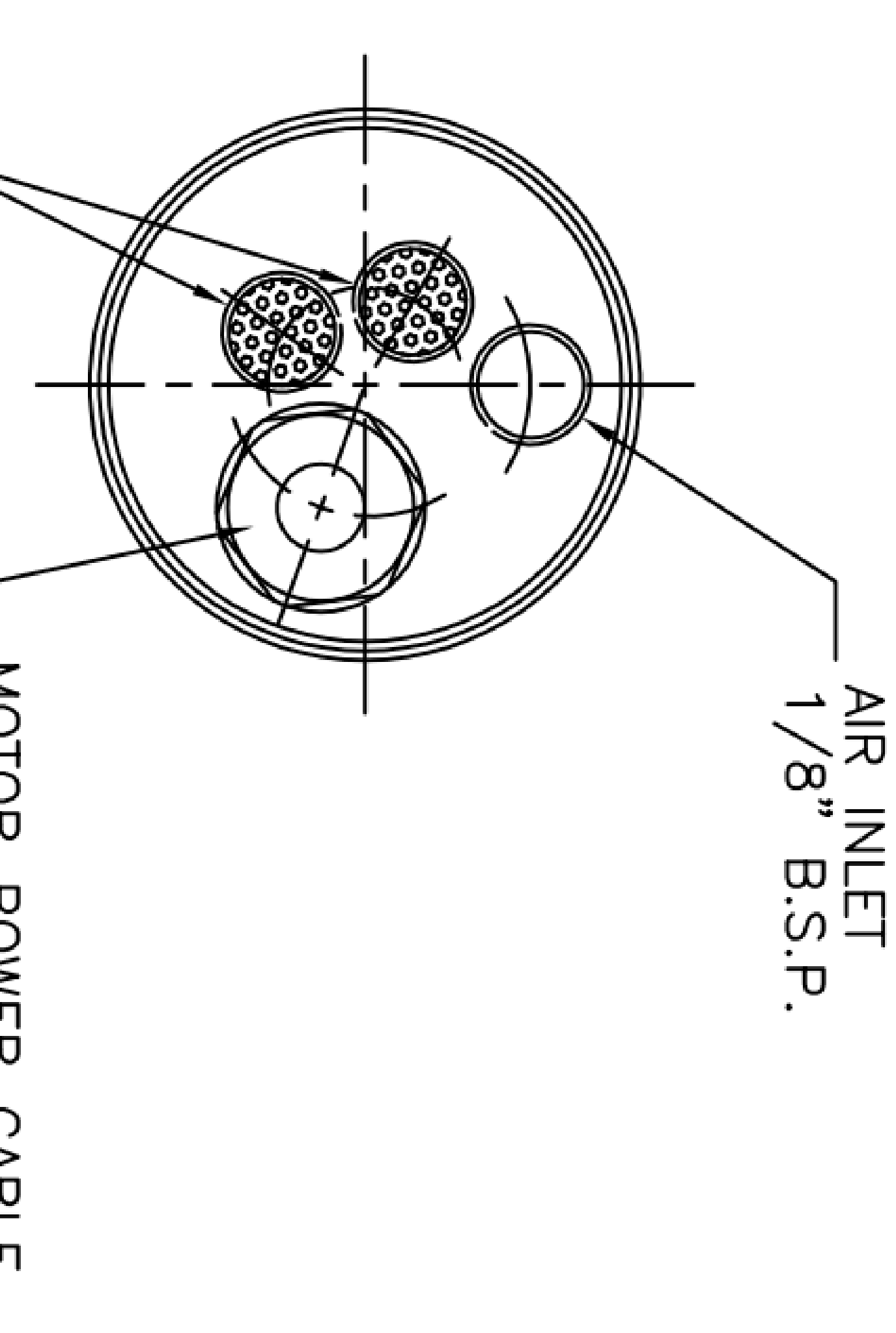




SPINDLE FRONT VIEW

SPINDLE SIDE VIEW

SPINDLE REAR VIEW



MOTOR VOLTAGE/POWER/FREQUENCY GRAPHS

PROVISIONAL OUTLINE

B	SPECIFICATION BOX UPDATED TO ACTUAL RESULTS.	27/04/21
A		4/6/08
NO.		DATE

DIMENSIONS IN INCHES: MM EQUIVALENT IN BRACKETS	
LIMITS UNLESS STATED	
INCHES	MM
0.1 ± 0.020	1.0 ± 0.5
0.10 ± 0.010	0.1 ± 0.25
0.100 ± 0.005	0.10 ± 0.10
0.1000 ± 0.001	0.100 ± 0.025
FRACTIONS ± 1/64	

3RD ANGLE PROJECTION	REMOVE SHARP EDGES
----------------------	--------------------

DRAWN D.G.	CHECKED	DATE	SCALE
		4/6/08	1:1
UNLESS STATED			

MATERIAL	TREATMENT
----------	-----------

TITLE	PRODUCT
45 mm SPINDLE (AIR COOLED)	ATC VERSION C07253

DRAWING No.	LOADPOINT LTD.
C06526	
6 NIMROD WAY, STIRLING BUSINESS PARK, EAST DORSET TRADE PARK, WIMBORNE, BH21 7SH	
WEB:- www.loadpoint-bearings.co.uk EMAIL:- oil@loadpoint-bearings.co.uk	
© COPYRIGHT LOADPOINT BEARINGS, 2008.	