APPLICATION DATA SHEET

CUSTOMER: [ ]

APPLICATION: [ ]

This 7 page form assists in determining the correct Flux-Tech® product and accessories for your application. Upon completion, **SAVE** the document and click the **SUBMIT** button on the top right corner. Your information will be sent via email to Flux-Tech, Inc.

Date [ ]

Contact [ ]

Title [ ]

Phone [ ]

Email [ ]

Shipping Address [ ]

Suite/Building [ ]

City [ ]   State [ ]

Zip/Postal Code [ ]   Country [ ]

Reseller [ ]

Coupling Type [ ]

Belt Drive Yes [ ] No [ ]   Soft-Start Needed Yes [ ] No [ ]

Variable Speed Yes [ ] No [ ]   Frequent Stop / Start Yes [ ] No [ ]

Pictures Included Yes [ ] No [ ]   Stop / Start per Hour [ ]

MOTOR NAMEPLATE DATA

Manufacturer [ ]

Model [ ]

Horsepower [ ]

Service Factor [ ]

Frame (NEMA size) [ ]

NEMA Class Design [ ]

Volts [ ]

Phase [ ]

Cycles (Hz) [ ]

Full Load Amps [ ]

Full Load Speed (rpm) [ ]

Motor Efficiency [ ]

Drive End (DE) Bearing No. [ ]

Non-Drive End (NDE) Bearing No. [ ]

Shaft Run Out (.00x) [ ]

Key Size (in.) [ ] x [ ]

PUMP/LOAD NAMEPLATE DATA

Manufacturer [ ]

Serial No. [ ]

Type [ ]

Model/Size [ ]

Efficiency [ ]

Non-Reverse Yes [ ]   No [ ]

Net Positive Suction Head (ft) [ ]

Static Discharge Head (ft) [ ]

Impeller Diameter (in) Design [ ]

Flow - Name Plate (gpm) [ ]

Shaft Diameter (.00x) [ ]   Shaft Run Out (.00x) [ ]

Key Size (in.) [ ] x [ ]

FAN / BLOWER / BELT DRIVE DATA

Manufacturer [ ]

Fan Type [ ]

Model No. / Serial No. [ ]

Normal Operation (cfm) [ ]

Damper Information [ ]

Belt Type [ ]

No. of Belts [ ]

Motor Sheave Diameter (in) [ ]   Load Sheave Diameter (in) [ ]

Sheave Type (A,B,5VX) [ ]

Motor Shaft Diameter (.00x) [ ]   Load Shaft Diameter (.00x) [ ]

Key Size (in.) [ ] x [ ]

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ADJUSTABLE SPEED DRIVES & SOFT-START COUPLINGS

CUSTOMER:

APPLICATION:

Use this data sheet for In-line Coupling or ASD applications only. For Belt / Sheave Drive applications skip this page and use the data sheet on the following page. All measurements must be in inches.

Motor Shaft Diameter (A)

Center of Shaft to Base distance (B)

Distance Between Shaft Ends DBSE (C)

Load Shaft Diameter (D)

Load Shaft Length (E)

Distance Between Motor and Load Faces (F)

Shim or Motor Spacer Height (H)

Base Length (J)

Base Height (K)

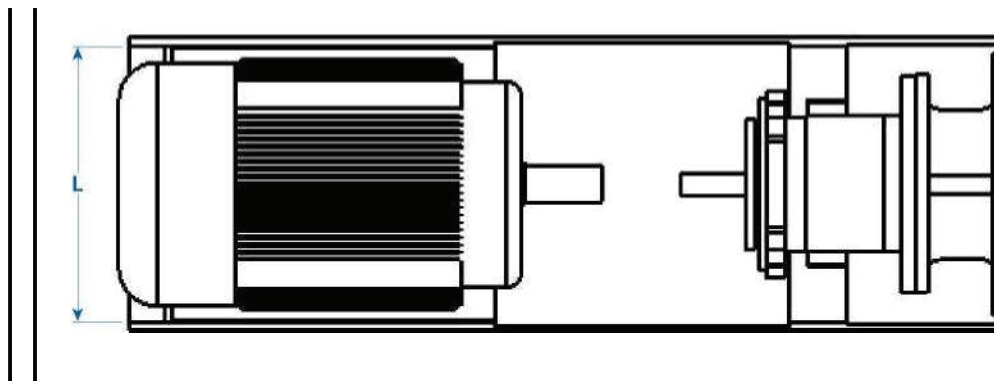BaseWidth (L)

Obstructions at Rear of Motor (M)

Motor Key Width

Load Key Width

SIDE VIEW
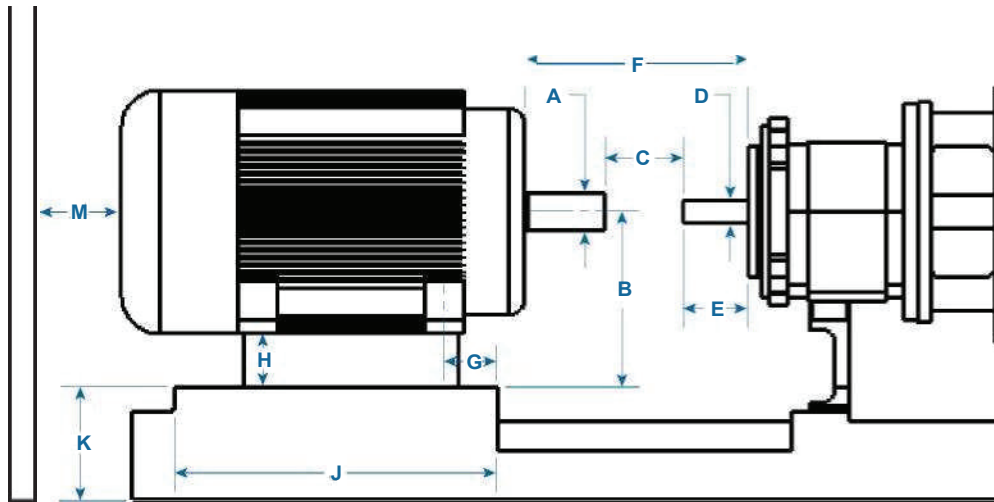
TOP VIEW

APPLICATION DATA SHEET

CUSTOMER:

APPLICATION:

Use this data sheet for Belt / Sheave Drive applications only. Use the previous page for In-line Coupling or ASD applications. All measurements must be in inches.

Distance Between Shaft Ends (A)

Motor Shaft Diameter

Motor Sheave Diameter

Motor Key Size (in) [ ] x [ ]

Distance From Motor shaft to Obstruction (B)

Load Shaft Length

Load Sheave Diameter

Load Key Size (in) [ ] x [ ]

SIDE VIEW

Load Sheave Diameter

Motor Sheave Diameter

A

TOP VIEW

B

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ADJUSTABLE SPEED DRIVES & SOFT-START COUPLINGS
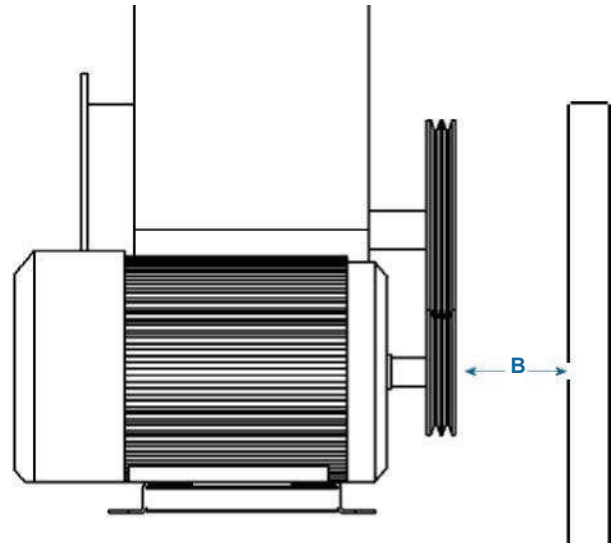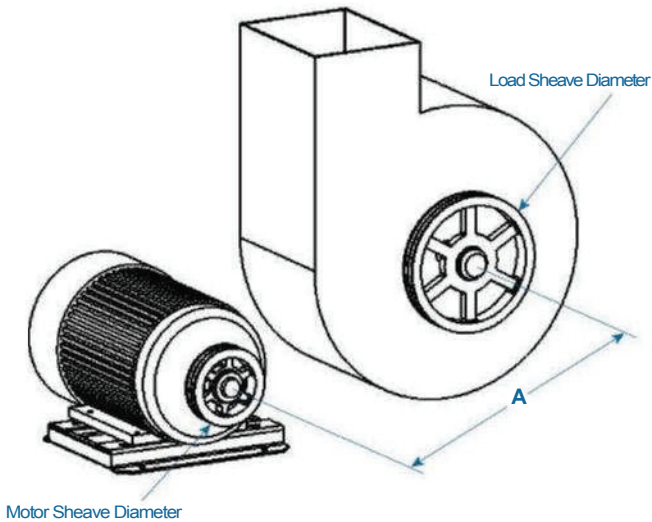
CUSTOMER:

APPLICATION:

This form generates a part number for a specific Flux Tech Coupling or ASD.
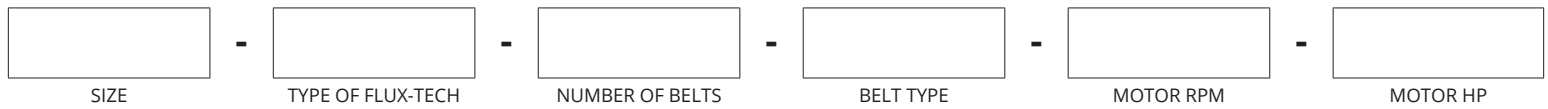
Example 1:

08-45-SH-2-B-18-15
8" sheave, 45 ft-lb of torque, 2 groove B-style sheave, 1800RPM Motor at 15 hp

Example 2:

10-120-ASD-0-0-18-40
10" ASD, 120 ft-lb of torque with 1800RPM Motor running at 40 hp

FLUX-TECH PART NUMBER

SIZE	-	TYPE OF FLUX-TECH	-	NUMBER OF BELTS	-	BELT TYPE	-	MOTOR RPM	-	MOTOR HP

Size	Type of Flux-Tech	Number of Belts	Belt Type	Motor RPM	Motor HP
06-09	ASD (In-line)	0 (No Belts)	0 (No Belts)	09 (900)	3 (3 hp)
06-15	SH (Sheave)	2 (6" and 8" Sheave only)	B (8" and 10" Sheave only)	12 (1200)	5 (5 hp)
06-22	SHM (Sheave Nut Adjustable)	3 (10" Sheave only)	5V (10" - 12" Sheave only)	18 (1800)	7.5 (7.5 hp)
06-30	CPL (Coupling)	4 (12" Sheave only)		36 (3600)	10 (10 hp)
06-45					15 (15 hp)
08-45					20 (20 hp)
08-60					25 (25 hp)
08-75					30 (30 hp)
08-90					40 (40 hp)
10-90					50 (50 hp)
0-120					60 (60 hp)
0-150					75 (75 hp)
2-180					100 (100 hp)
2-225					125 (125 hp)
2-300					150 (150 hp)
6-375					200 (200 hp)
6-450					
8-600					

CUSTOMER:

APPLICATION:

This part number generation form will allow the specific Flux-Tech Hubs to be ordered for both the DE (Motor) and Load (NDE) shaft hubs. The Magnet Can assembly utilizes a keyless hub adapter called a Shrink Disk.

Example:

365T - 1.375 - 0.375

365T frame motor and the load shaft with a 1-3/8" diameter shaft and a 3/8" wide key

SHAFT HUBSSET PART NUMBER

	-		-	
MOTOR NEMA FRAME SIZE		LOAD SHAFT DIAMETER		LOAD SHAFT KEY WIDTH

Motor NEMA Frame Size	Load Shaft Diameter	Load Shaft Key Width
182 (T,TS) – 404 (T,TS)	0.875" – 2.875"	0.188" – 0.75"

CUSTOMER:

APPLICATION:

Give general information on the application (pump or plower). Describe how it operates, any mechanical issues, environment, and actuation method required, etc.

Can the system flow/speed be slowed down?   Yes ☐   No ☐   Describe in detail:

ENERGY INFORMATION (Normal Operation, Reduced Speed/Flow)

Discharge throttled?   Yes ☐   No ☐   Percentage closed: _____

Throttled: _____   Throttled amps: _____

Throttled process variable (flow, pressure): _____ (gpm, psig)

Throttled suction pressure: _____ (psig)

Throttled discharge pressure: _____ (psig)

Static head (ft): _____

Fan or pump curve available?   Yes ☐   No ☐

$ / kw-hour: _____ (cents)

Hours per day / year at this operating point: _____ (hours)

FULL LOAD (Valves or Dampers 100% Open)

Full load: _____   Full load amps: _____

Full load process variable (flow, pressure): _____ (gpm, psig, etc.)

Full load suction pressure: _____ (psig)

Full load discharge pressure: _____ (psig)

Static head (ft): _____ (pumps)

Fan or pump curve available?   Yes ☐   No ☐

$ / kw-hour: _____ (cents)

Photos available?   Yes ☐   No ☐

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CUSTOMER:

APPLICATION:

Describe in detail any issues, unique specifications not covered on the previous pages and any type of application not called out on the form, i.e., compressor, mixer, conveyor, non-NEMA frame motors etc.

By clicking the submit button on the top right corner, your application form will be sent to Flux-Tech via email. Please confirm that all information provided are accurate before sending this application. Thank you!

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ADJUSTABLE SPEED DRIVES & SOFT-START COUPLINGS