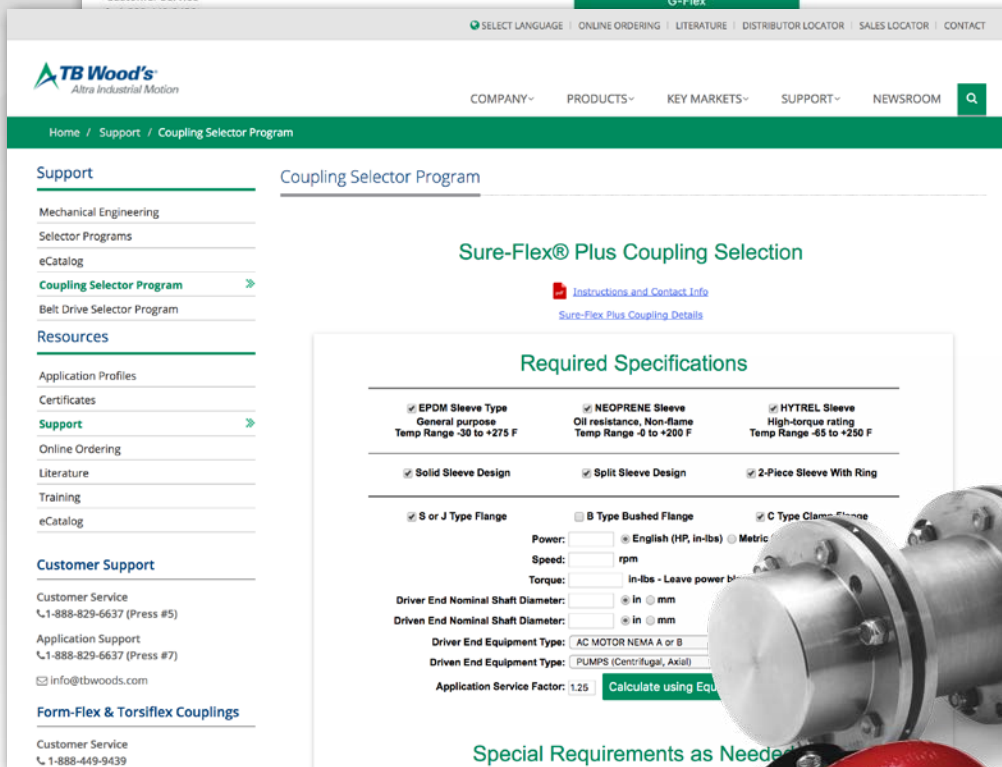


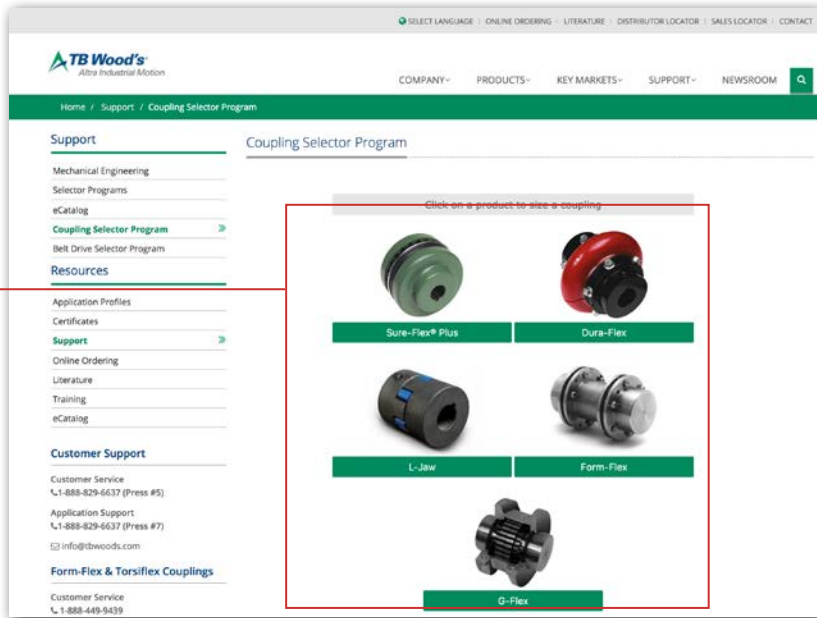
Coupling Selector

Sure-Flex Plus[®],
Dura-Flex[®],
L-Jaw, G-Flex
& Form-Flex[®]



Selecting the right coupling is fast and easy

WWW.TBWOODS.COM/SUPPORT/COUPLING-SELECTOR-PROGRAM



Coupling Selection

The Coupling Selector Program can be used for Sure-Flex Plus®, Dura-Flex®, L-Jaw, G-Flex & Form-Flex® products.

Required Specifications

Select component types for a specific application or select all for many options.

Application Data

Input data specific to the application for selecting the correct size coupling.

Select Coupling

Once data is entered, the coupling can be selected.

Start Over

Erase information to start over.

Sure-Flex® Plus Coupling Selection

[Instructions and Contact Info](#)
[Sure-Flex Plus Coupling Details](#)

Required Specifications

<input checked="" type="checkbox"/> EPDM Sleeve Type General purpose Temp Range -30 to +275 F	<input type="checkbox"/> NEOPRENE Sleeve Oil resistance, Non-flame Temp Range -0 to +200 F	<input checked="" type="checkbox"/> HYTREL Sleeve High-torque rating Temp Range -65 to +250 F
<input checked="" type="checkbox"/> Solid Sleeve Design	<input checked="" type="checkbox"/> Split Sleeve Design	<input checked="" type="checkbox"/> 2-Piece Sleeve With Ring
<input checked="" type="checkbox"/> S or J Type Flange	<input type="checkbox"/> B Type Bushed Flange	<input type="checkbox"/> C Type Clamp Flange

Power: English (HP, in-lbs) Metric (kW, Nm)
Speed: rpm
Torque: in-lbs - Leave power blank to enter torque manually.

Driver End Nominal Shaft Diameter: in mm
Driven End Nominal Shaft Diameter: in mm

Driver End Equipment Type:
Driven End Equipment Type:

Application Service Factor: [Calculate using Equipment Selections](#)

Special Requirements as Needed

Distance Between Shaft Ends: in mm
Maximum Overall Length: in mm
Maximum Outside Diameter: in mm

Hide List Price Dollar Pound Euro
List Price Modifier: (Decimal 0 to 1)

Customer Name: Quote Number:

[Select Coupling](#)
[Start Over](#)
[Change Product](#)

Instructions & Contact Info

This brochure is available for reference by clicking the instruction link.

Change Product

Return to the Coupling Type Selection page.

Sure-Flex® Plus Coupling Selection

[Instructions and Contact Info](#)
[Sure-Flex Plus Coupling Details](#)

Entered Specifications

June 5, 2017, 3:14 pm

EPDM Sleeve Type General purpose Temp Range -30 to +275 F	NEOPRENE Sleeve Type Oil resistance, Non-flame Temp Range -0 to +200 F	HYTREL Sleeve Type High-torque rating Temp Range -65 to +250 F
Solid Sleeve Design	Split Sleeve Design	2-Piece Sleeve With Ring

S and J Type Flange B Type Bushed Flange C Type Clamp Flange

Power (Horsepower): **10**
 Speed (rpm): **3,600**
 Torque (in-lbs): **175**
 Driver End Nominal Shaft Dia. (in): **1.375**
 Driven End Nominal Shaft Dia. (in): **1.250**
 Driver End Equipment Type: **AC MOTOR NEMA A or B**
 Driven End Equipment Type: **PUMPS - Centrifugal**
 Application Service Factor: **1.25**
 Selection Torque (in-lbs): **219**

Special Requirements

Distance Between Shaft Ends (in): **N/A**
 Maximum Overall Length (in): **N/A**
 Maximum Outside Dia. (in): **N/A**

List Price Modifier = 1

Customer Name:

Quote Number:

[Modify Entered Data](#)

Recommended Couplings

(There were 72 couplings found that meet your specifications.)
 Showing couplings 1 to 10 sorted by list price. 1-10, [11-20](#), [21-30](#), [31-40](#), [41-50](#), [51-60](#), [61-70](#), [71-72](#)

Size Sleeve	Driver Flange	Driven Flange	OD in (mm)	Rated Torque in-lbs (Nm)	Actual Service Factor	Max Speed rpm	DBSE min-max in (mm)	OAL in (mm)	Weight lbs (Kg)	List Price
6JE 1pc	6J138	6J114	4.00 (101.6)	585 (66)	3.34	6,000	.125-1.114 (3.18-28.30)	3.35 (85.1)	2.7 (1.22)	\$124.00
6JES split	6J138	6J114	4.00 (101.6)	585 (66)	3.34	6,000	.125-1.114 (3.18-28.30)	3.35 (85.1)	2.7 (1.22)	\$128.00

Selected Couplings

Several recommended coupling selections will be given for the specifications provided. Select one for further review.

[Modify Entered Data](#)

[Click here for more Recommended Selections](#)

Coupling Drawing

A general assembly drawing will be supplied for the coupling selected.

OD in (mm)	OAL in (mm)	G in (mm)	DBSE in (mm)	Nominal Bore Dia. in (mm)	Bore Length(L) in (mm)	To Remove Sleeve(X) in (mm)
4.00 (101.6)	3.35 (85.0)	0.875 (22.23)	.125 (3.18)	1.114 (28.29)	N/A	1.375 (34.92)
				1.250 (31.75)	1.235 (31.37)	1.09 (27.7)

ITEM	DESCRIPTION	PART NUMBER	WEIGHT lbs (Kg)	LIST PRICE
-	COUPLING ASSEMBLY		2.67 (1.21)	\$124.00
1	6JE EPDM SLEEVE (1 Piece)	6J	.40 (1.0)	\$40.00
2	TYPE J FLANGE	6J138	1.09 (49)	\$42.00
3	TYPE J FLANGE	6J114	1.18 (53)	\$42.00

Operating Torque in-lbs (Nm)	Rated Torque in-lbs (Nm)	Design Service Factor	Actual Service Factor	Power hp (kW)	Operating Speed rpm	Rated Speed rpm	Static Torsional Stiffness in-in/rad	Maximum Misalignment Ang. Gap in (mm)	Par. Offset in (mm)
175 (20)	450 (51)	1.25	2.57	10.0 (7.5)	3,600	6,000	1,718	.070 (1.78)	.015 (.38)

Item & Description

A general description, part number and weight of each item can be found in the bill of material.

Part Number

By selecting a part number, you will be taken to the eCatalog page for that part for specifications and CAD drawings.

OD in (mm)	OAL in (mm)	Min. DBSE in (mm)	Max DBSE in (mm)	Actual DBSE in (mm)	Nominal Bore Dia. in (mm)	Bore Length(L) in (mm)
4.24 (107.7)	3.82 (97.5)	4.31 (109.5)	.250 (6.35)	0.820 (20.81)	N/A	1.375 (34.92)
				1.250 (31.75)	1.250 (31.75)	1.09 (27.7)

ITEM	DESCRIPTION	PART NUMBER	WEIGHT lbs (Kg)	LIST PRICE
1	STANDARD ELEMENT	W23	.80 (41)	\$205.40
2	STANDARD HUB	W23H38	.65 (30)	\$134.00
3	STANDARD HUB	W23H114	.76 (33)	\$134.00

Operating Torque in-lbs (Nm)	Rated Torque in-lbs (Nm)	Design Service Factor	Actual Service Factor	Power hp (kW)	Operating Speed rpm	Rated Speed rpm	Static Torsional Stiffness in-in/rad	Maximum Misalignment Angular Degree	Parallel in (mm)
175 (20)	366 (41)	1.25	2.09	10.0 (7.5)	3,600	7,500	4,710	4.0	.062 (1.57)

DBSE or OAL Selection

By clicking on the DBSE or OAL selections for the Dura-Flex® general assembly drawing, you can change the view of your drawing to show the hub positioned with the hub facing in or out.

TB Wood's Facilities

North America

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775-857-1800

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Delroyd Worm Gear
www.delroyd.com

Nuttall Gear
www.nuttallgear.com

Overrunning Clutches

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