

# PASSPORT



*[passport.baldor.com](http://passport.baldor.com)*

**BALDOR • DODGE®**





# MISSION

---

Our mission is to be the best (as determined by our customers) marketers, designers and manufacturers of industrial electric motors, drives and mechanical power transmission products

*Taking care of our customers safely*

---

**Welcome to Passport, the easy to use  
selection program for Baldor•Dodge®  
mechanical power transmission products.**



Dodge® Passport leverages over 100 years of  
industry expertise to ensure consistent,  
reliable selections.

# OPEN UP A NEW WORLD OF SELECTION

- Intuitive, guided selection process
- Application based selection
- Real time pricing and availability
- Add to order capability
- Detailed selection summary



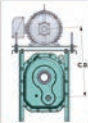
# GUIDED SELECTION PROCESS

- Ability to choose most appropriate product based on:
  - Service Factor
  - Center Distance
  - Shaft Size
  - Or other specifications specific to your inquiry
- Primary and alternate product offerings


Key factors are highlighted to help you choose the product that best meets the needs of your application.

Motor Mount


Please select the desired motor mount height




POSITION B \*



POSITION D



POSITION C



POSITION A

Motor Mount Options (Position B)

Motor Mount Height	Min. Center Distance	Max. Center Distance
M1	17.2 in	21.0 in
M2 *	19.6 in	23.4 in
M3	22.0 in	25.8 in

\* Most common orientation for shaft mount applications

OK

Cancel



# REAL TIME PRICE AND AVAILABILITY

By offering real time price availability, Passport puts all necessary information at your fingertips, increasing productivity and operational efficiency.

Center Distance

26.9 - 33.9

Service Factor

1.5 - 3

Warehouse

Any

Output RPM

1139 - 1268

Belt Pull

255 - 443

Availability

In Stock

Availability

Any

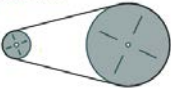
In Stock

Out of Stock

Price [usd]	Driver	Driven	Belt					
Synchronous Belt Drives (5)								
\$242.70	P44-8M-20-2012 HT SPKT	P64-8M-20-2012 HT SPKT	1800-8M-20 HT200 BELT	1241	26.92	413	1.55	In Stock
\$263.97	P48-8M-20-2012 HT SPKT	P72-8M-20-2012 HT SPKT	2200-8M-20 HT200 BELT	1200	33.84	378	1.73	In Stock
	P48-8M-30-	P72-8M-30-						

SELECTION SUMMARY

BELT DRIVE DETAILS



Driver		Driven	
Speed	1800 rpm	Speed	1050 rpm
Shaft Size	1.125 in	Shaft Size	1.125 in

DRIVE SPECIFICATIONS


Primary Mover	NEMA Motor
Motor Frequency	60 Hz
Motor Power	5 hp
Motor Speed	1800 rpm
Center Distance	30 in

# ADD TO ORDER CAPABILITY

Passport is connected to PTPlace.com, allowing customers to seamlessly transfer and order product selections from Passport with the click of a button.



**PT PLACE.COM**

Catalogs: <b>DODGE Online Catalog</b>		Search Product#, Keyword, Category
<b>Store Navigation</b>		
<a href="#">Order Entry</a>		
<a href="#">Pricing &amp; Availability</a>		
<a href="#">Order Status</a>		
<a href="#">Repeat Orders</a>		
<a href="#">Quotes</a>		
<a href="#">Administration</a>		
<b>Find Distributor</b>		
<input type="text" value="Zip Code"/>		<input type="button" value="Go"/>
<b>Need CAD files?</b>		
<b>Dodge Catalog: Conveyor Components: Drum Pulleys:</b>		
<b>Product Detail For Part 203577</b>		
		<b>Weight</b> 134 lb
		<b>Description</b> 12X38 CR DR HE35
<b>Product Information</b>		
<a href="#">Dimensions (PDF format)</a>		
<a href="#">Features and Benefits (PDF format)</a>		
<a href="#">Nomenclature and Selection (PDF format)</a>		



# DETAILED TRIP SUMMARY

Every selection generates a summary that includes applications and part specific information for future reference.

All selections are indexed and databased for future retrieval, modification and reference.

Drive Requirements:		Input	Actual		
Motor Speed		1,800 rpm	1,800 rpm		
Motor Power		20.00 hp	20.00 hp		
Service Factor		1.4	1.55		
Output Speed		1,164 - 1,236 rpm	1,241 rpm		
Center Distance		29 - 32 in	26.9 in		
Technical Data:					
Speed Ratio:	1.45	Facewidth:	1.13 in		
Belt Speed:	2,079 ft/min	Driver Pitch Diameter:	4.41 in		
Belt Pull:	413 lbs	Driven Pitch Diameter:	6.42 in		
Static Shaft Load:	389 lbs	Install/Take-up Center Distance Range:	24.73 - 26.96 in		
Noise Level:	Normal				
Tensioning:					
Sonic Tension Meter Data		Force Deflection Method			
Tension Frequency:	63 - 77 Hz	Span Length:	26.90 in		
Belt Mass Constant:	5.8 g/m	Belt Deflection Distance:	0.42 in		
Belt Width:	20 mm	Belt Deflection Force:	12.2 - 13.4 lbs		
Span Length:	683.3 mm				
NOTE: Values shown are for new belts.					
Selection:					
Product	Part Number	Description	Weight [lbs]	Qty.	Net Price [usd]
Driver Sheave	112860	P44-8M-20-2012 HT SPKT	2.84	1	\$69.97
Driver Bushing	117092	2012 x 1-5/8-KW	1.05	1	\$12.32

## **YOUR ADVENTURE CONTINUES . . .**

Future capabilities will incorporate additional Baldor•Dodge® products, as well as offering an application based approach to complete system design, developing packaged solutions for today's most common industrial applications.

**START YOUR JOURNEY NOW...**

**PASSPORT.BALDOR.COM**





P.O. Box 2400, Fort Smith, AR 72902-2400 U.S.A.,  
Ph: (1) 479.646.4711, Fax (1) 479.648.5792, International Fax (1) 479.648.5895

**Baldor•Dodge®**  
6040 Ponders Court, Greenville, SC 29615-4617 U.S.A.,  
Ph: (1) 864.297.4800, Fax: (1) 864.281.2433

[www.baldor.com](http://www.baldor.com)