

Master XL Right Angle C-Face Reducers

LIST PRICE X G50 DISCOUNT

Case Size	Motor Frame Size				
	56C	140TC	180TC	210TC	250TC
WM12A	\$1,283				
WM16A	\$1,570				
WM21A		\$2,420			
WM28A		\$3,841			
WM40A		\$9,730			
H419			\$5,760		
CM12A	\$2,182				
CM16A	\$2,819				
CM21A		\$4,533			
CM28A			\$8,452		
CM40A				\$18,354	

Master XL Right Angle Gearmotors

LIST PRICE X G50 DISCOUNT

Case Size	Motor HP								
	1/3	1/2	3/4	1	1-1/2	2	3	5	7-1/2
WG12A	\$1,634	\$1,667	\$1,791	\$1,889					
WG16A	\$1,922	\$1,955	\$2,081	\$2,122	\$2,277	\$2,373			
WG21A		\$2,500	\$2,551	\$2,595	\$2,683	\$2,777	\$3,460		
WG28A							\$4,768	\$4,978	
WG40A*									
CG12A	\$2,535	\$2,643							
CG16A	\$3,170	\$3,203	\$3,427	\$3,472	\$3,458	\$3,552			
CG21A		\$5,065	\$5,193	\$5,237	\$5,327	\$5,425	\$5,850	\$6,233	
CG28A				\$9,272	\$9,363	\$9,460	\$10,059	\$10,269	\$10,741
CG40A*									

*Case Size 40 is only available in C-Face configuration.

For Model Number or How To Order, please refer to Custom Classic Catalog RAPS-1526-1 or visit our website www.dodge-pt.com

MASTER XL Price List

APG

Master XL Parallel C-Face Reducers

Case Size	Motor Frame Size			
	56C	140TC	180TC	210TC
SM16A	\$2,017			
SM21A			\$4,291	
SM28A			\$5,279	
DM16A	\$3,306			
DM21A			\$5,279	
DM28A			\$8,192	
TM16A	\$5,217			
TM21A			\$8,886	
TM28A			\$13,251	

MASTER XL

Master XL Parallel Gearmotors LIST PRICE X G50 DISCOUNT

Case Size	Motor HP									
	1/3	1/2	3/4	1	1-1/2	2	3	5	7-1/2	10
SG16A		\$2,543	\$2,660	\$2,700	\$2,781	\$2,781				
SG21A					\$4,639	\$4,726	\$5,272	\$5,462	\$5,889	
SG28A								\$6,478	\$6,907	\$7,296
DG16A	\$3,842	\$3,873	\$3,989	\$4,030	\$4,110	\$4,200				
DG21A					\$5,656	\$5,743	\$6,288	\$6,479	\$6,907	
DG28A							\$9,289	\$9,478	\$9,908	\$10,295
TG16A	\$5,809	\$5,840	\$5,955	\$5,997	\$6,077	\$6,167				
TG21A				\$9,289	\$9,371	\$9,459	\$10,005	\$10,195	\$10,624	
TG28A							\$14,500	\$14,690	\$15,120	\$15,508

MOTO DRIVE

ULTIMA

REEVES PULLEY

DODGE RENEWAL PARTS

MASTER XL Modifications

LIST PRICE X G50 DISCOUNT

Brakes

Standard brakes are fail-safe brakes, i.e. when the electrical power is off, the spring sets the brake. These brakes are used for intermittent braking and holding. Most ratings are readily available from stock. Ratings not stocked can be ordered at production lead times. Pricing in the table below is for standard enclosure, 230/460 polyphase, 1750 RPM gearmotors.

Size	List Adder
3 FT-LB 1/3 - 1 HP	\$654
6 FT-LB 1-1/2 & 2 HP	744
10 FT-LB 3 HP	1,121
15 FT-LB 5 HP	1,277
25 FT-LB 7-1/2 HP	3,988

Also available from stock are double C-Face brakes and clutch/brake modules. Where frequent starting and stopping is required, or where it is desirable to disconnect the motor from the reducer, Dodge clutch/brake modules are available in Double C-Face Module offerings. These modules require electrical power to actuate the clutch and brake, and therefore, are not considered as being fail safe. Basic module construction is open enclosure. For selection of these clutch/brake modules, refer to the Dodge PT Components Catalog. When using a clutch/brake, it is very important that the reducer selected have a minimum 1.5 service factor. This is needed to compensate for the forces exerted of the gear train during starts/stops through the clutch/brake operation.

Certificate of Compliance

A \$63 List Price Each charge will be applied to all units for the necessary inspections required to verify compliance to the purchase order or applicable drawings and specifications.

Couplings

A Lovejoy L090 Coupling is available in lieu of the standard nylon coupling for 56C or 140TC frame input reducers. A List Adder of \$159 should be applied for this modification.

Easy Clean (Level 2 Enclosure)

MASTER XL Easy Clean (Level 2) gearmotors and reducers are designed and constructed to meet the most exacting requirements of food processors, canneries, meat packers, bakeries, dairies, and drug and cosmetic manufacturers. Units with Level 2 modifications may be used in either "wet" or "dry" areas and are cleaned by dry methods or by washdown with a hose stream, and they are resistant to the corrosive action of food acids, detergents and sanitizers. *Use this option only with a motor having the proper enclosure.*

Features include: *Black Magic Putty* – White Epoxy Paint – Stainless Steel Nameplate – Soft copper washers on motor – Stainless Steel/ Brass lubrication fittings – Spring-loaded Vent – Double Lip Output Seal – Stainless steel output seal sleeve.

Case Size	List Adder
12 - 16	\$223
21 - 28	261
40	315
H419	391

Export Boxing

For wood crating add 5% to the net price of reducer or gearmotor. For other special export considerations contact International Customer Service (864) 281-4400.

Lubrication

Several special lubricants are listed below. Please refer to the Installation and Instruction Manual for a complete listing of recommended lubricants.

Lubricant	Temperature Range
Mobil SHC 634	-10 to + 165F
Mobil SHC 629	-30 to + 165F
Mobil SHC 626	-40 to + 165F
H1 Food Grade	+15 to + 110F

Use adder from the following chart for the above listed oils.

Case Size	List Adder
12-16	\$53
21	79
28	116
40	173
H419*	116

*The H419 uses Mobile SHC-629 as the standard factory fill.

MASTER XL Price List

APG

Motors

Configure Special motors.

Mountings (Flange, J-Mount, Multi-Mount)

The following mounting options are available for Right Angle units:

CASE SIZE	LIST ADDER	
	FLANGE / J MOUNT	MULTI-MOUNT
12	\$137	\$137
16	224	224
21	278	278
28	437	437*
40	667	N/A

* Only available for single reduction worm gear reducers. For parallel reducers, flange mounting is available for double and triple reduction reducers – Sizes 16 and 21 only. Adder can be made per the above chart.

MASTER XL

Oil (SEE LUBRICATION)

Oil Sight Gauges

Oil Sight Gauges are a time saving device for visually checking oil levels. Available for both parallel and right angle reducers and gearmotors. Sight gauges are not installed in the gearcase and are packaged separately to prevent damage during shipment.

Case Size	List Adder
12 - 16	\$224
21 - 28	268
40	311

On Site Witness Tests

For On Site Witness Tests a \$275.00 Net per day charge will be added to the order regardless of quantity.

Ring Tachometer Assembly

These kits consist of a special three piece coupling and mounting hardware that allows the customer to mount the Ring Tachometer assembly between a C-Face motor and a C-Face XL Reducer. Note: Motors will be shipped separately when these coupling kits are supplied with C-Face XL Reducers.

Motor Frame	Case Size	List Adder
56C/140TC	16, 21, 28	\$137
180TC/210TC	21, 28	623

MOTO DRIVE

ULTIMA

REEVES PULLEY

DODGE RENEWAL PARTS

Shafts

Double Shaft Extensions (Right Angle Only)

Case Size	List Adder
12 - 16	\$115
21 - 28	169
40	339
H419	224

Special Output Shafts must meet the following criteria:

- Shafts are no larger than standard diameter.
- Shaft extensions are no longer than 10 (ten) inches.
- Shafts do not have tapers or threads.
- Shafts can be produced within manufacturing capabilities and manufacturers standard material.
- Manufacturer reserves rights to approve final configuration.
- New shafts may be subject to engineering charges and minimum quantities.

Case Size	List Adder
12 - 16	\$810
21 - 28	1,341
40	1,620

Storage – Long Term

Long term storage consists of blending the reducers lubricant with 2% of a Daubert Chemical company's NOX Rust VCI-105, and coating unpainted surfaces and shafts with Cosmoline or equivalent coating.

Case Size	List Adder
12 - 16	\$164
21 - 28	268
40	382

XT – Level 1 Enclosure

Level 1 modification makes the gearcase suitable for use outdoors or in chemical, dairy, food processing plants or other locations where high humidity, steam or chemical fumes are present or where the gear unit is washed frequently.

Use this option only with a motor having the proper enclosure. Features include: Standard blue-green paint – Stainless Steel Nameplate – Soft copper washers on motor – Stainless Steel/Brass lubrication fittings – Spring-loaded Vent – Double Lip Output Seal – Stainless steel output seal sleeve.

Case Size	List Adder
12 - 16	\$159
21 - 28	208
40	263