

STANDARD CA INLINE CLUTCH**CA110 • CA210****FOR INLINE APPLICATIONS****QUALITY IS STANDARD**

- OFF-THE-SHELF AVAILABILITY
- PROVEN DESIGN TAILORED TO THE INDUSTRY
- CREATES SUITABLE APPLICATION TORQUE
- BROADER HORSEPOWER COVERAGE UP TO 400 HP
- SEALED FOR LIFE BALL TYPE MAIN BEARING
- BUILT-IN HEX NUT EASES ADJUSTMENT VERIFICATION
- LIMITED 2-YEAR WARRANTY
- MADE IN USA

**SPECIFICATIONS - CA110 & CA210**

Model Number	SAE HSG.	Max. Input Torque Nm (lb-ft)	Maximum Safe Speed	Weight kg (lbs)
CA110P3, CA110P4	3, 4	610 (450)	3100	43.6 (96)
CA210P3	3	1220 (900)		50.9 (112)

**LOAD CLASSIFICATIONS BASED UPON
AGMA LOAD CHARACTERISTICS**

PRIME MOVER	DURATION OF SERVICE	DRIVEN MACHINE LOAD CLASSIFICATIONS		
		UNIFORM	MODERATE SHOCK	HEAVY SHOCK
Electric motor	Up to 3 hours per day	1.00	1.25	1.50
	3-10 hours per day	1.00	1.25	1.75
	Over 10 hours per day	1.25	1.50	2.00
Multi-cylinder internal combustion engine	Up to 3 hours per day	1.00	1.25	1.75
	3-10 hours per day	1.25	1.50	2.00
	Over 10 hours per day	1.50	1.75	2.25
Multi-cylinder internal combustion engine with high torque rise	Up to 3 hours per day	1.50	1.75	2.25
	3-10 hours per day	1.75	2.00	2.50
	Over 10 hours per day	2.00	2.25	2.75
Single cylinder internal combustion engine	Up to 3 hours per day	1.25	1.50	2.00
	3-10 hours per day	1.50	1.75	2.25
	Over 10 hours per day	1.75	2.00	2.50

TO CALCULATE APPLICATION TORQUE:

$$\frac{5252 \times \text{HP}}{\text{Engine RPM}} = \text{Torque}$$

$$\text{Torque} \times \text{Load Factor} = \text{Application Torque}$$

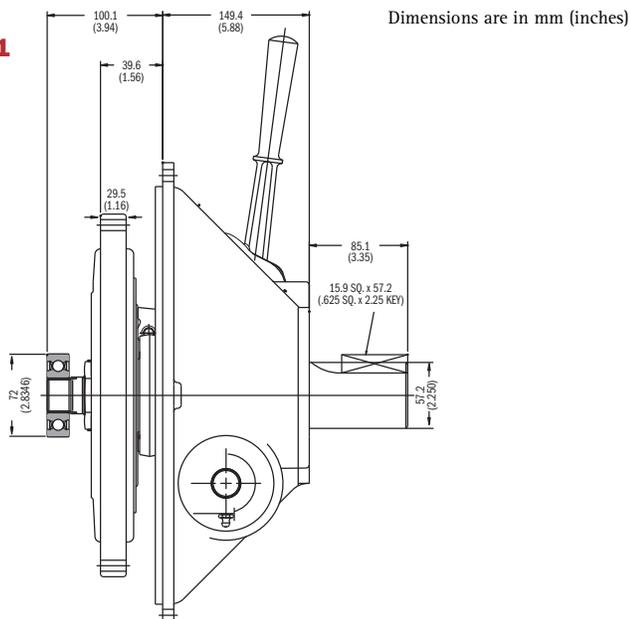
Use load factor from chart at left

All clutch engagements to be with prime mover below 1000 RPM. High inertia loads may require use of larger clutch. Contact Twin Disc application engineering department for assistance.

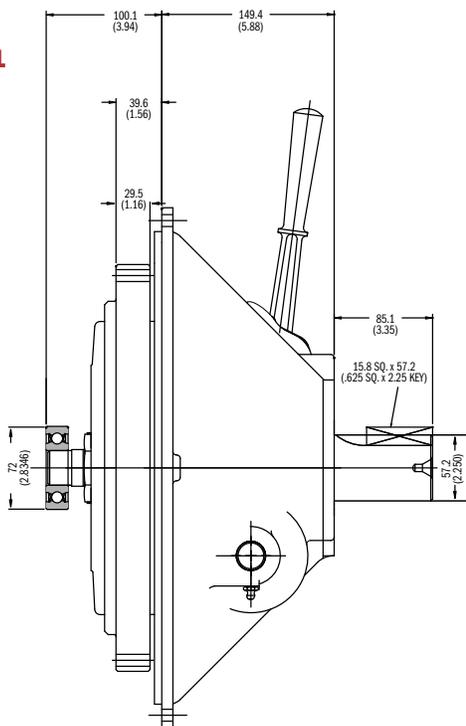
Specifications subject to change without prior notice in the interest of continual product improvement.



CA110P401



CA210P301



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