



MODEL HH DOG CLUTCH FOR HYDRAULIC PUMPS AND MOTORS

APPLICATIONS.

Direct front crankshaft drive of hydraulic pumps from engine on cranes, transit mixers, special vehicles, fishing boats etc where pump requires disengaging when not in use. Use anticlockwise version for above applications.

Drives for hydraulic pumps from rear of engine or from flywheel PTO when engine has separate power delivery requirement where hydraulic pump needs disengaging when not in use. Use clockwise version for direct drive off rear of engine.

FEATURES.

The unit may be supplied to suit SAE 'A', SAE 'B' or SAE 'C' hydraulic pumps or motors or as a shaft to shaft version.

The standard manual version shown, features automatic spring loaded engagement on start-up and positive gate control in either the engaged or disengaged positions. The unit may be easily adapted for electric solenoid or cable control. The clutch casing is cast iron, bearings are deep groove ball type. The drive dogs are specially shaped to provide fast engagement and resistance to jump out even with reversing loads. The dogs are made from hardened high strength alloy steel. The unique actuating mechanism is designed for long trouble free life.

CAPACITY.

Maximum continuous input capacity is 0.04 kW (0.053 HP) per rev with a continuous torque rating of 382 Nm (282 lbf ft) Max brief peak torque is 560 Nm (413 lbs ft). Side loading is limited, contact our sales office. The unit is shipped dry, and must be filled before use. Fill to oil level plug depth with ATF automatic transmission fluid (approx. 300ml). Ensure gasket or sealant is used between hyd. pump/motor and clutch as spline is open to lubricant.

Warning. Clutch may not be engaged while engine is running.

ORDERING CODE

Part Number

26/ C 24 C 06 R HD

HH DOG CLUTCH

26/

ROTATION

Clockwise C

Anticlockwise A

INPUT SHAFT CODE

Round 1 1/4"OD x 5/16" key

24

SAE HYD. INTERFACE

S = Male shaft

A B C S

SHAFT CODE

Female Spline 14T 1 1/4"OD 12/24DP

Female Spline 13T 7/8" OD 16/32DP

Female Spline 15T 1"OD 16/32DP

Female Spline 9T 5/8"OD 16/32DP

06
03
04
01

HD

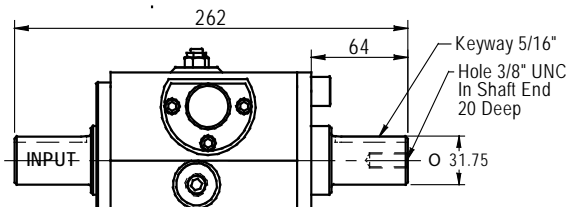
OPTIONS

Heavy Duty - Extra bearing for overhung loads and internal needle/thrust bearing for longer life.

Dimensions marked * increase by 28mm for HD model.

Nominal Maximum Speed is 3000 RPM

STRAIGHT SHAFT OPTION.



Ordering Codes for 26/C24S24R Clockwise
Straight Shaft Option 26/A24S24R Anti-Clockwise



OVERHUNG LOAD ADAPTORS & CLUTCHES

MODEL HH DOG CLUTCH DIMENSIONS

Dimensions marked * increase by 28mm for HD model

Weight Unpacked 18 kg.

