



Low speed, high torque hydraulic motors and accessories

Press Release New Product

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White Hydraulics, Inc. Introduces New HK Series Integrated Motor/Brake For Construction, Turf, Agricultural, and Aerial Work Platform Applications



Hopkinsville, KY — White Hydraulics, Inc. is pleased to announce the release of its new HK Series integrated motor brake. “The HK Series wheel-mount brake design makes it ideally suited for applications such as scissors lifts, golf course turf mowers, concrete transporters, and specialty construction and agriculture equipment applications.” says Paul Klassy, Director of Marketing.” The design is a performance-matched motor brake package utilizing White’s proven BK brake and HB motor technologies.

With the brake directly linked to the output shaft, the HK Series uses proven, spring-applied/pressure-release (SAPR), wet multiple-disc technology to provide fail-safe brake capability. All wear components are fully immersed in fluid (factory pre-filled) and are environmentally sealed to prevent contamination and corrosion to extend brake life and maintain proper holding capacity. In the absence of release pressure, the brake is spring-applied providing reliable torque holding performance.

The HK Series is ruggedly constructed with cast iron housings, case hardened steel shaft, and roller bearings to provide long life and quiet, trouble-free operation. The brake is painted dark metallic gray, however, black and no paint options are also available.

The side load capacity is up to 3600 Kg [8000 lbs.] and the brake has minimum and maximum release pressures of 28 Bar [400 psi] and 200 Bar [3000 psi], respectively. Release pressure is applied through a 7/16-20 SAE o-ring port, and independent of system pressure allowing for use in series circuits.

The HK Series holding torque capacity is up to 1130 Nm [10,000 lbs.] with peak motor output torque of up to 1130 Nm [10,000 lbs]. Both short and long pilot mounting options are available, as well as front and rear pilots. The front mounting pilot diameter is 140mm [5.50 in.] and the rear mounting pilot diameter is 127mm [5.00 in.]. A variety of output shaft options are available including 32mm, 1.25", 1.50" keyed, tapered, and splined shaft versions, as well as, a variety of port options to increase design flexibility.

Samples are available through White Hydraulics' global distributor network, and our distributors stand ready to provide local application assistance to ensure the new HK Series meets application needs.

About White Hydraulics, Inc.

Founded in 1977, White Hydraulics is the world's largest independent manufacturer of low speed high torque hydraulics motors. Complimentary products include brakes, flow dividers, variable displacement piston pumps and accessories. Product, service and support are available worldwide through our facilities located in North America, Europe and Asia and our global network of over 170 distributors.

For information on this and other products visit our website at www.whitehydraulics.com

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