



HYDRAULIC COMPONENTS
HYDROSTATIC TRANSMISSIONS
GEARBOXES - ACCESSORIES

Certified Company ISO 9001 - 14001



Via M. L. King, 6 - 41122 MODENA (ITALY)
Tel: +39 059 415 711
Fax: +39 059 415 729 / 059 415 730
INTERNET: <http://www.hansatmp.it>
E-MAIL: hansatmp@hansatmp.it

HT 58 / A / 1002 / 1016 / E / V

THE PRODUCTION LINE OF HANSA-TMP

Wheel Drive Motor BTM + MSU

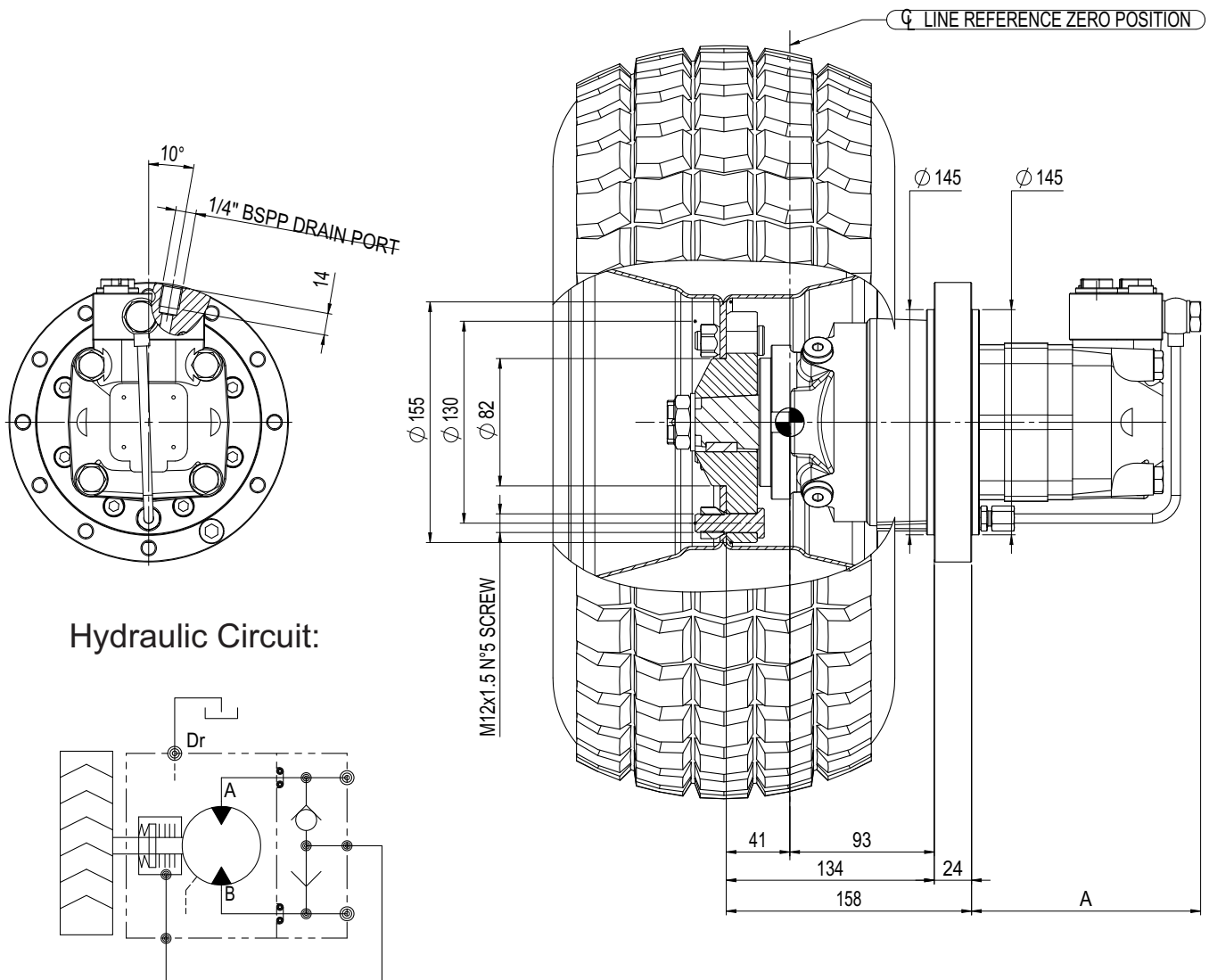


Preliminary Information

Compact wheel drive unit for light weight vehicles. The wheel drive motor features a built in parking brake and strong roller bearings.

The wheel drive unit is supplied completed of shuttle valve to release the parking brake, wheel hub and tyre.

The Wheel drive unit is suitable for speeds up to 25 km/h.



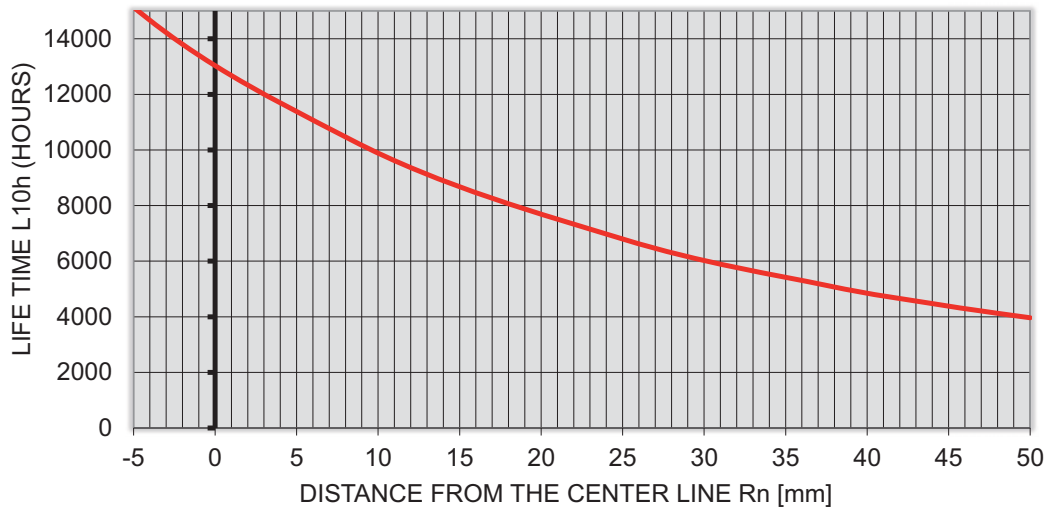
Main Dimensions:

Motor Type	"A" Quote	Rim	Tire Available
MSU 80	133,5	7,00 x 8"	18X9,50-8" 4PR KINGSTIRE KT-3502 TL
MSU 100	137		18X9,50-8" 4PR STARCO ST-52 TL
MSU 125	141,5		18X9,50-8" 6 PR BKT LG306 TL
MSU 160	147,5		18X9,50-8" 4PR TL KENDA K-358 TURF RIDER

Load Curves:

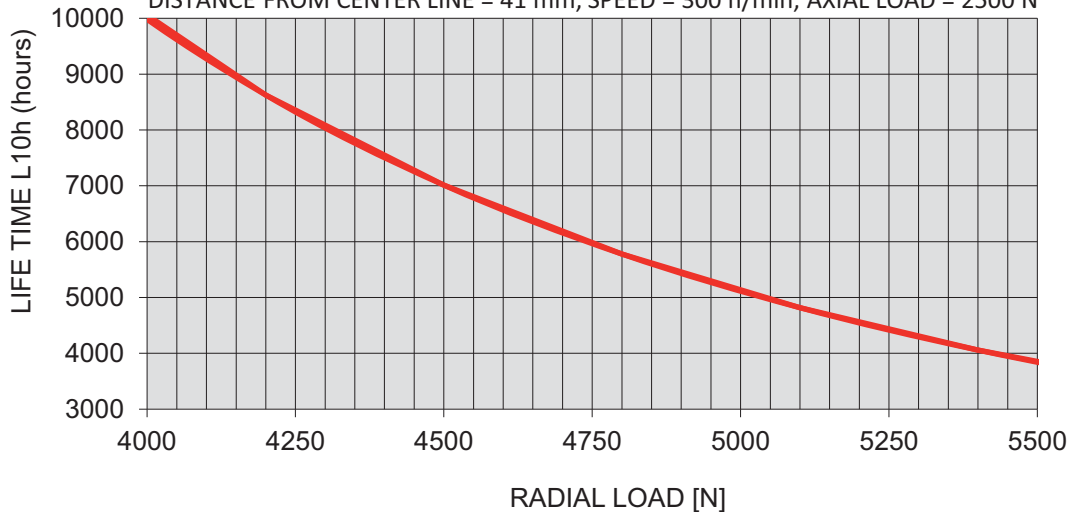
CALCULATION DATA:

SPEED = 300 n/min, RADIAL LOAD = 5000 N, AXIAL LOAD = 2500 N



CALCULATION DATA:

DISTANCE FROM CENTER LINE = 41 mm, SPEED = 300 n/min, AXIAL LOAD = 2500 N



Main Features:

Wheel drive motor model	Static torque daNm	Traction torque daNm	Minimum complete opening pressure MPa	Maximum brake pressure MPa
BTM 24 / MSU 80	23 - 25	24	1,1-1,3	30
BTM 32 / MSU 100	32 - 33	30,5	1,5-1,7	
BTM 42 / MSU 125	40 - 44	37,5	1,5-1,7	
BTM 50 / MSU 160	48 - 52	49	1,7-1,9	

Wheel drive motor model	Motor Pressure MPa	Minimum Speed n/min.	Maximum Speed n/min.	Max load daN	Weight kg
BTM 24 / MSU 80	23	10	800	700	23
BTM 32 / MSU 100		10			23,3
BTM 42 / MSU 125		8			23,6
BTM 50 / MSU 160		8			24

As HANSA-TMP has a very extensive range of products and some products have a variety of applications, the information supplied may often only apply to specific situations.

If the catalogue does not supply all the information required, please contact HANSA-TMP.

In order to provide a comprehensive reply to queries we may require specific data regarding the proposed application.

Whilst every reasonable endeavour has been made to ensure accuracy, this publication cannot be considered to represent part of any contract, whether expressed or implied.

The data in this catalogue refer to the standard product.

The policy of HANSA-TMP consists of a continuous improvement of its products. It reserves the right to change the specifications of the different products whenever necessary and without giving prior information.



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