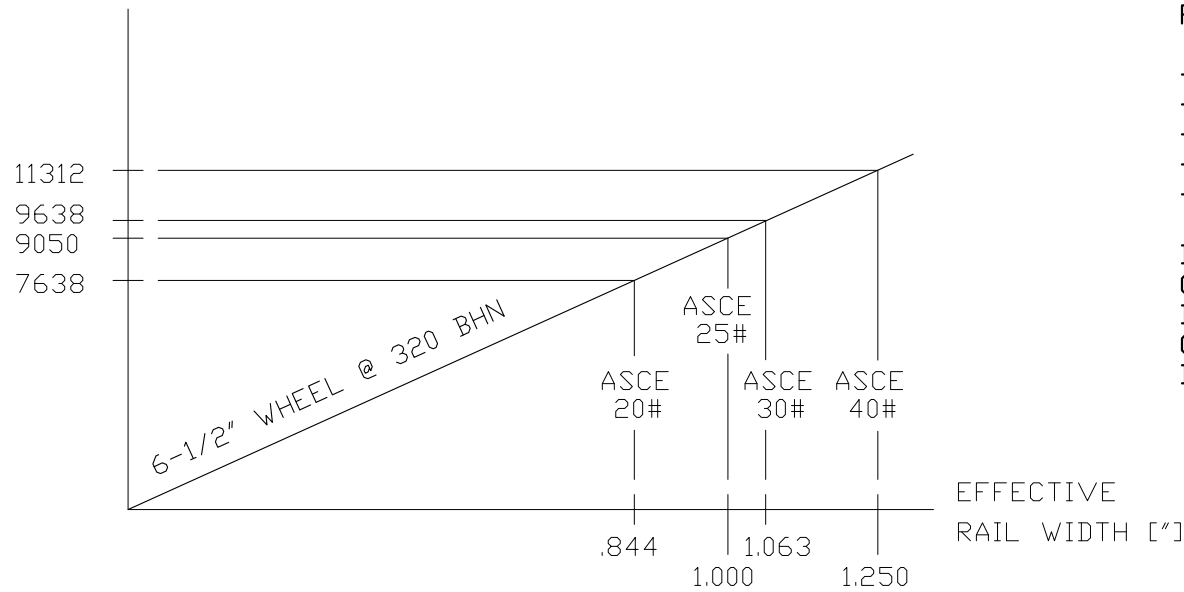


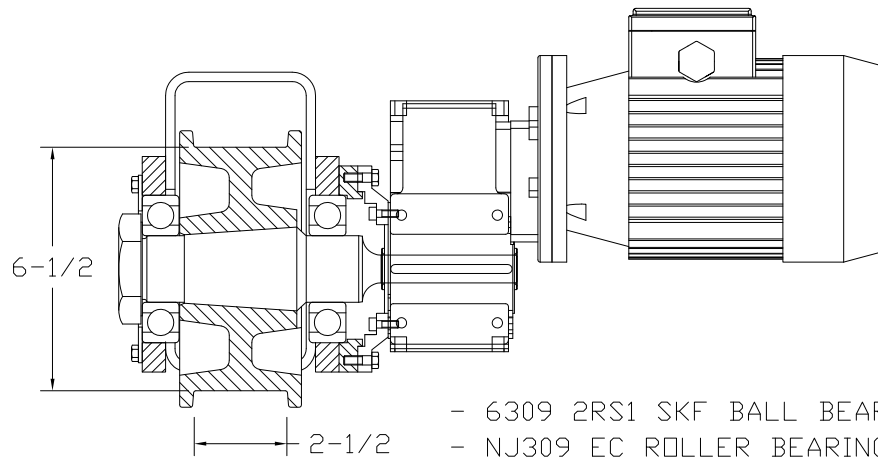
WHEEL LOAD [#]




THE MAX WHEEL LOAD IS A COMBINED FUNCTION OF THE FOLLOWING FACTORS

- RUNWAY ACCURACY
- CRANE ACCURACY
- DUTY CYCLE
- OPERATING CONDITIONS
- COMPONENT STRESS LIMITS

IT IS RECOMMENDED TO ADHERE TO THE CHART FOR WHEEL LOAD LIMITATIONS BUT THE WHEEL LOAD REQUIREMENTS CAN BE DERATED BASED ON SPECIFIC DUTY CYCLE APPLICATION



- 6309 2RS1 SKF BALL BEARINGS (STANDARD)
- NJ309 EC ROLLER BEARINGS (OPTIONAL) FOR SHOCK LOADING APPLICATIONS

 DETROIT HOIST & CRANE CO.	
MAXIMUM WHEEL LOAD CHART ACCORDING TO CMAA TABLE 4.7.1-4 6-1/2" WHEEL (MANGANESE BRONZE ALLOY)	
CHART# HRC-6B	DRAWN BY / DATE A.B. / 04-29-09

NOTE: X

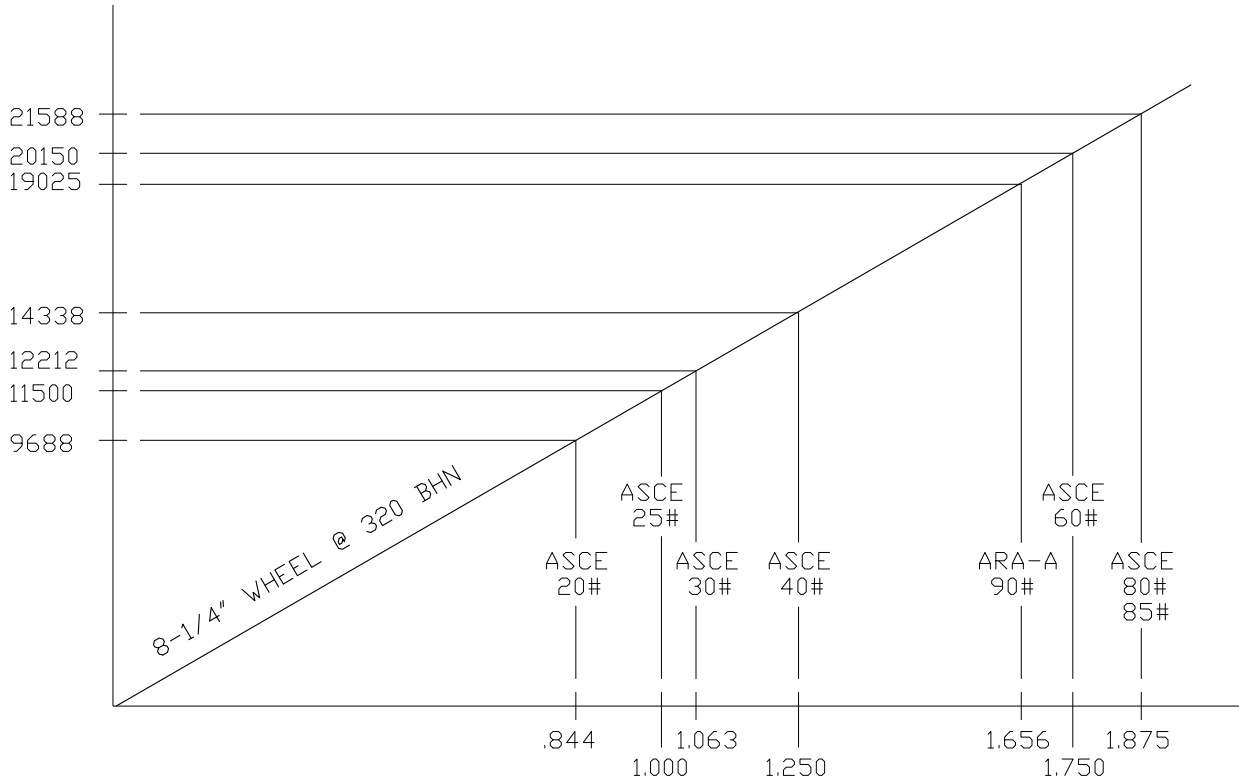
NOTE: X

NOTE: X

SCALE 1:X

DIRECTORY \

WHEEL LOAD [#]

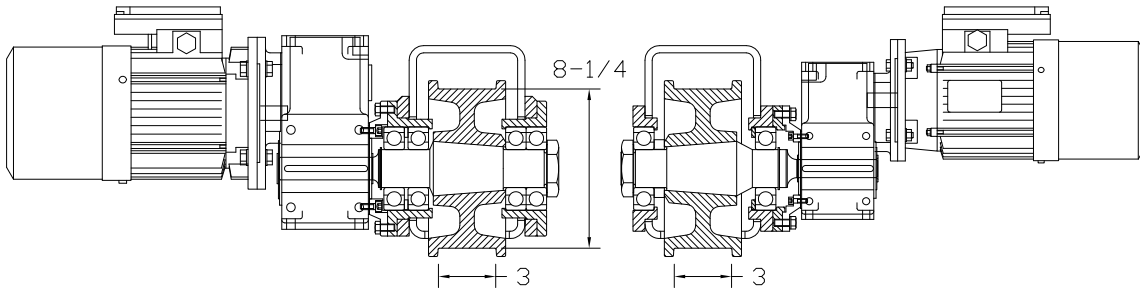


THE MAX WHEEL LOAD IS A COMBINED FUNCTION OF THE FOLLOWING FACTORS

- RUNWAY ACCURACY
- CRANE ACCURACY
- DUTY CYCLE
- OPERATING CONDITIONS
- COMPONENT STRESS LIMITS

IT IS RECOMMENDED TO ADHERE TO THE CHART FOR WHEEL LOAD LIMITATIONS BUT THE WHEEL LOAD REQUIREMENTS CAN BE DERATED BASED ON SPECIFIC DUTY CYCLE APPLICATION

EFFECTIVE RAIL WIDTH ["]



- 6310 2RS1 SKF BALL BEARINGS (STANDARD)
- NJ310 EC ROLLER BEARING (OPTIONAL) FOR SHOCK LOADING APPLICATIONS



DETROIT HOIST & CRANE CO.

MAXIMUM WHEEL LOAD CHART
 ACCORDING TO CMAA TABLE 4.13.3-4
 8-1/4" WHEEL (MANGANESE BRONZE ALLOY)

CHART#

HRC-8B

DRAWN BY / DATE

A.B. / 04-29-09

NOTE: X

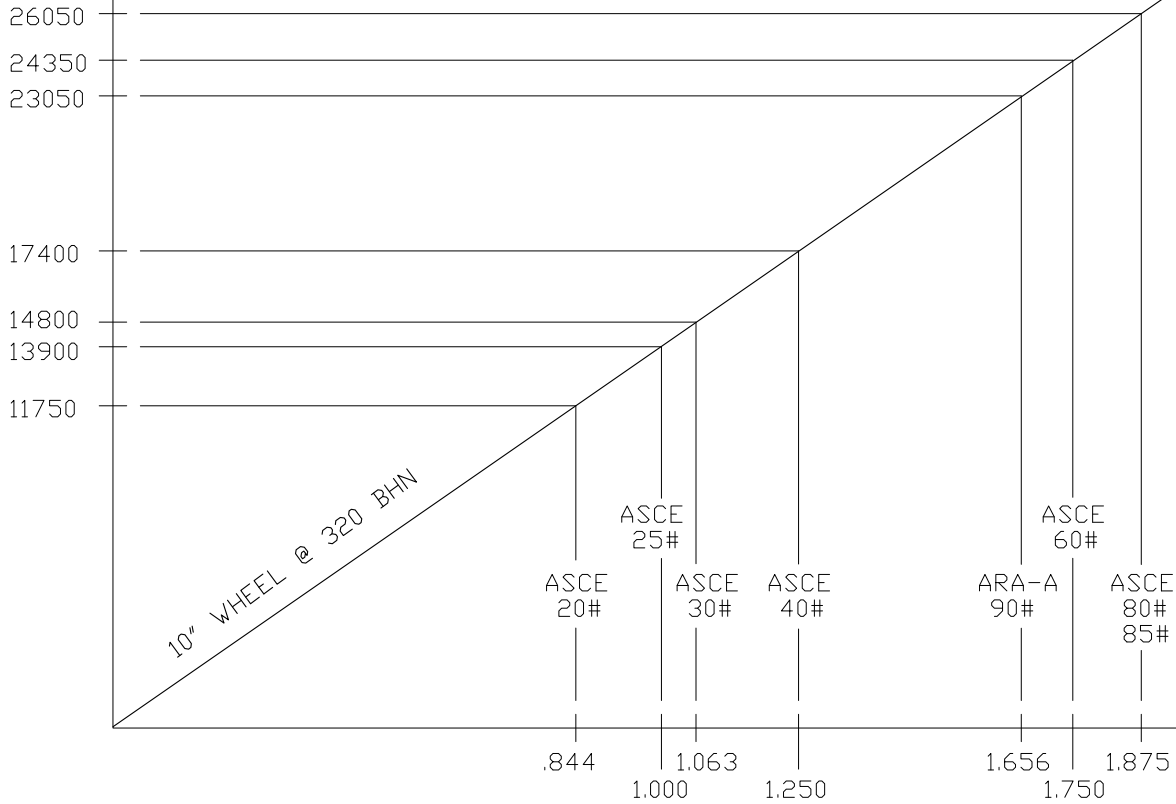
NOTE: X

NOTE: X

SCALE 1:X

DIRECTORY \

WHEEL LOAD [#]

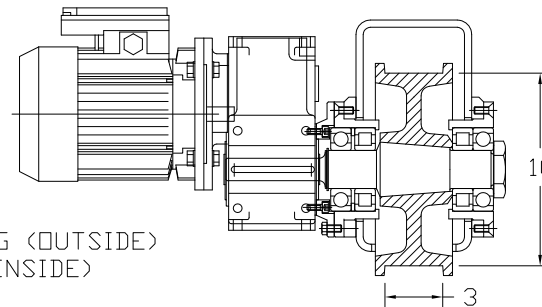


THE MAX WHEEL LOAD IS A COMBINED FUNCTION OF THE FOLLOWING FACTORS

- RUNWAY ACCURACY
- CRANE ACCURACY
- DUTY CYCLE
- OPERATING CONDITIONS
- COMPONENT STRESS LIMITS

IT IS RECOMMENDED TO ADHERE TO THE CHART FOR WHEEL LOAD LIMITATIONS BUT THE WHEEL LOAD REQUIREMENTS CAN BE DERATED BASED ON SPECIFIC DUTY CYCLE APPLICATION

EFFECTIVE RAIL WIDTH ["]



- 6310 2RS1 SKF BALL BEARING (OUTSIDE)
- NJ310 EC ROLLER BEARING (INSIDE)



DETROIT HOIST & CRANE CO.

MAXIMUM WHEEL LOAD CHART
 ACCORDING TO CMAA TABLE 4.13.3-4
 10" WHEEL (MANGANESE BRONZE ALLOY)

CHART#

HRC-10B

DRAWN BY / DATE

A.B. / 04-29-09

SCALE 1:X

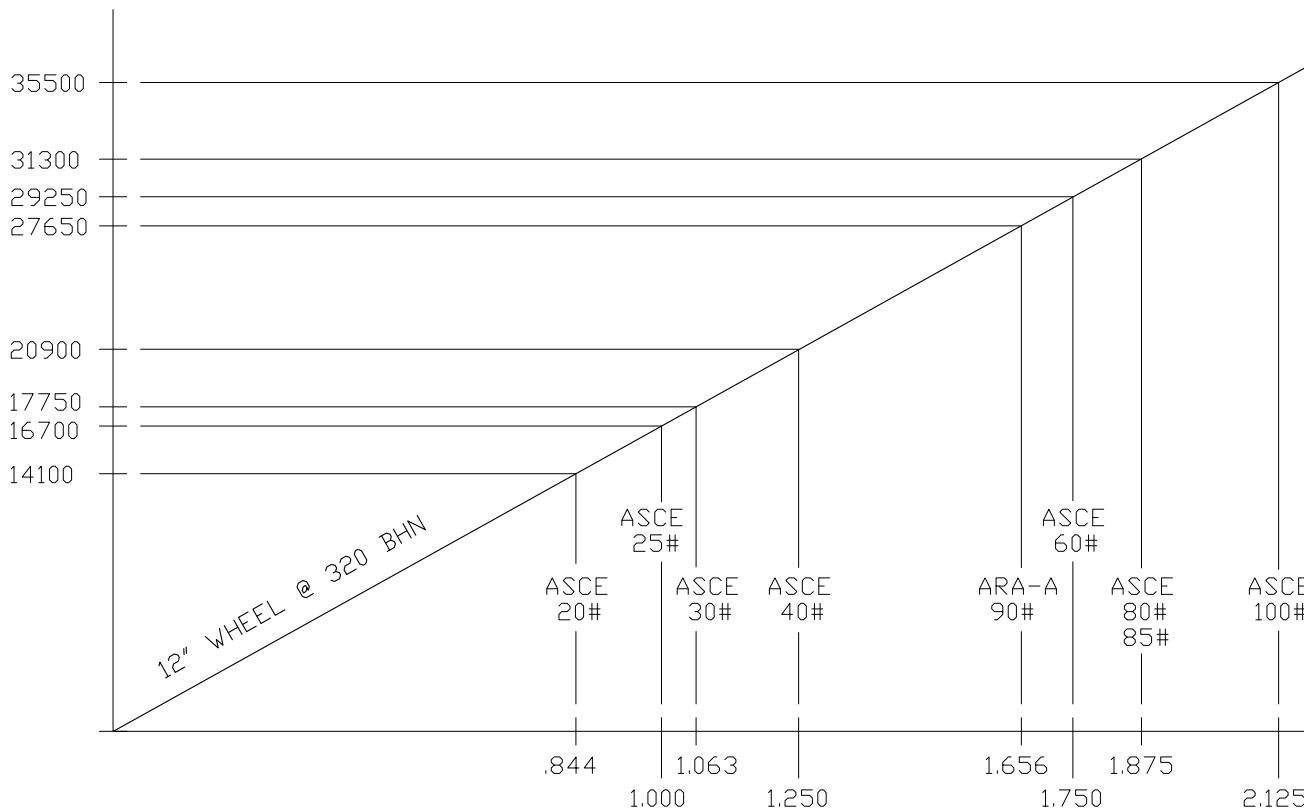
DIRECTORY \

NOTE: X

NOTE: X

NOTE: X

WHEEL LOAD [#]

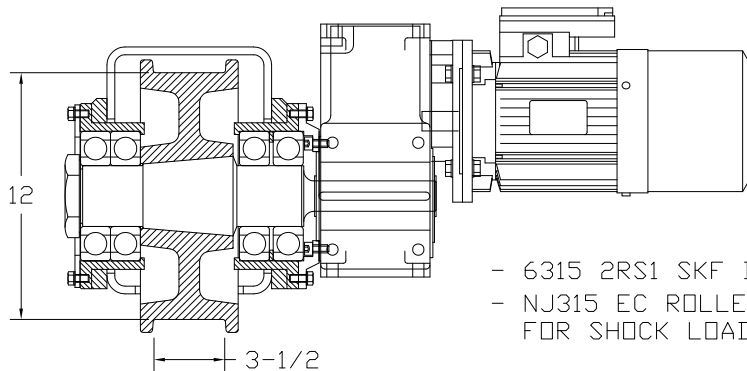


THE MAX WHEEL LOAD IS A COMBINED FUNCTION OF THE FOLLOWING FACTORS


- RUNWAY ACCURACY
- CRANE ACCURACY
- DUTY CYCLE
- OPERATING CONDITIONS
- COMPONENT STRESS LIMITS

IT IS RECOMMENDED TO ADHERE TO THE CHART FOR WHEEL LOAD LIMITATIONS BUT THE WHEEL LOAD REQUIREMENTS CAN BE DERATED BASED ON SPECIFIC DUTY CYCLE APPLICATION

EFFECTIVE
RAIL WIDTH [']



- 6315 2RS1 SKF BALL BEARINGS (STANDARD)
- NJ315 EC ROLLER BEARINGS (OPTIONAL) FOR SHOCK LOADING APPLICATION

 DETROIT HOIST	
MAXIMUM WHEEL LOAD CHART ACCORDING TO CMAA TABLE 4.13.3-4 12" WHEEL (MANGANESE BRONZE ALLOY)	
CHART# HRC-12B	DRAWN BY / DATE A.B. / 04-29-09

NOTE: X

NOTE: X

NOTE: X

SCALE 1:X

DIRECTORY \