

HERCULES HOISTS LIMITED



Wire Rope Hoists Heavy Duty WRH Series

- ◆ Lifting
- ◆ Moving
- ◆ Storing

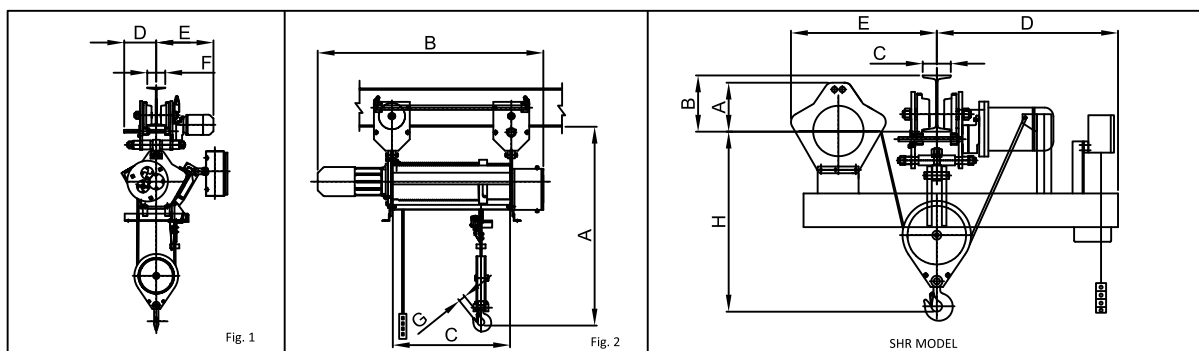


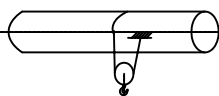
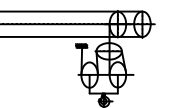
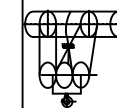
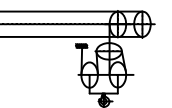
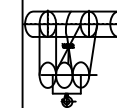
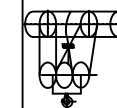
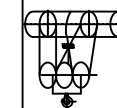
- ▶ **Wide range**
From 1 T SWL to 10 T SWL
- ▶ **German origin, heavy duty Class IV design**
Built for smooth operation even in toughest of applications, safe & reliable
- ▶ **Robust gear system with precision machine cut case hardened alloy steel gears**
Low noise operations over long life
- ▶ **Seamless pipe accurately machined rope drum**
Long life to hoist
- ▶ **Built with established standard components**
Ease of maintenance and availability of spares
- ▶ **Optional VFD, Radio remotes, special lower blocks, PLC controls**
Truly customisable
- ▶ **Hoist and Electric Control Design available for hazardous area application**
Extended application capability

Material Handling. Delivered.

Redefining Material Handling. Since 1962.

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Type	WRH I			WRH II			WRH III			WRH I			WRH II			WRH III			WRH III		
Model	NP 101			NP 201			NP 301			NP 102			NP 202			NP 302			NP 303		
Class	IV			IV	II		IV			IV			IV	II		IV			IV	II	
S.W.L. MT.	1.0			2.0	2.5		3.0			2.0			4.0	5.0		6.0			7.5	10.0	
Lift (Mtrs.)	6	12	20	6.6	11.4	19.2	7	12	20	3	6	10	3.3	5.7	9.6	3.5	6	10	4	6	
Approx. Weight (Kg.)	264	286	322	386	414	459	533	546	568	296	318	354	478	497	563	638	818	828	900	1000	
Dim. B	1095	1305	1575	1190	1360	1630	1275	1445	1715	1095	1305	1575	1190	1360	1630	1275	1445	1715	1445	1715	
Dim. C (Drum Length)	345	545	815	383	553	823	383	553	823	345	545	815	383	553	823	383	553	823	553	823	
Wire Rope Dia. (mm)	8			11			14			8			11			14			14		
Hoist Speed m/min	9			8			8			4.5			4			4			2.66		
Hoist Motor H.P. (K.W.)	3 (2.2)			5 (3.7)			7.5 (5.5)			3 (2.2)			5 (3.7)			7.5 (5.5)			7.5 (5.5)		
Trolley Speed ♦ m/min	17			17			17			17			17			17			17		
Trolley Motor H.P. (K.W.)	0.25 (0.18)			0.25 (0.18)			0.5 (0.37)			0.25 (0.18)			0.5 (0.37)			0.75 (0.55)			0.75 (0.55) X 2		
Min. Height of I beam (mm)	175			175			250			175			250			250			300		
F min.- max.	90-180			90-180			125-210			90-180			125-210			125-210			140-210		
A Head Room	1170			1370			1480			1110			1345			1460			1825		
D	196			196			178			196			178			178			487		
E	570			570			582			570			582			582			612		
G	31			37-42			42			37			51			67			89		
No of falls construction																					
	2 FALLS			4 FALLS			6 FALLS			4 FALLS			6 FALLS			6 FALLS			6 FALLS		

SHR MODEL

Model	Capacity	A (Max.)	B (Min.)	C		D	E	H
				(Max.)	(Min.)			
WRH I	1T	260	300	90	180	650	550	600
	2T	260	300	90	180	650	600	650
WRH II	2T	300	350	125	210	1060	850	700
	4T/5T	300	350	125	210	1060	850	800
WRH III	3T	350	400	125	210	1250	900	750
	6T	350	400	125	210	1250	900	900

All dimensions are in mm

Data Tolerance ±10%.

NOTES:

- Optional travelling speed of 4.5, 8.5, 26 m/min. can be offered.
- Check "I" Beam mounting arrangements, trolley plates will project 10mm above 'I' beam, if beam height is 150 mm.
- SHR 'D' & E Dimensions are for max. flange of 210 mm. If flange width is more than 210 mm or non standard beam are used then dimensions 'D' & E will increase.
- SHR Model is suitable for straight path only boggie can be supplied on request.

HHL / WRH Heavy duty / 2016 02



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Note :- Due to continuous development and improvement specification listed above may be changed without notice.