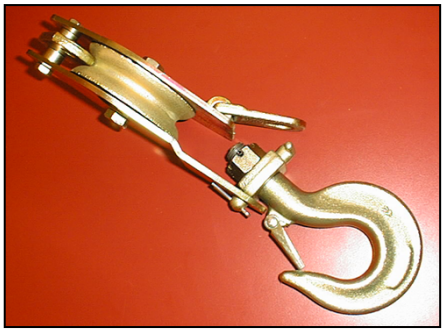
DESCRIPTION

Light duty pulley for wire rope

This pulley can be used as a return pulley with a wire rope and it is provided with a welded pressed steel sheave and a hook with safety catch.

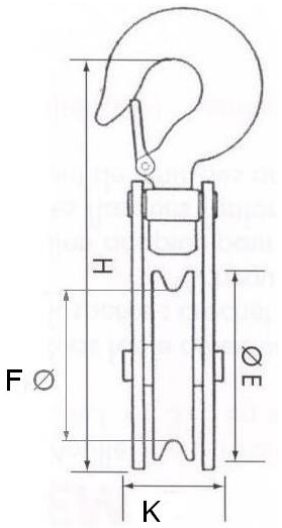
Can be used at low rotation speed only.

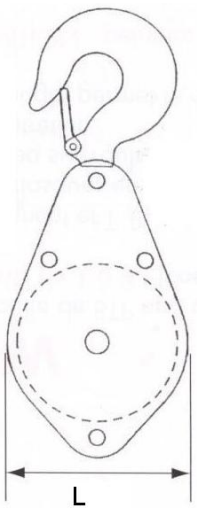


DIMENSIONAL CHARACTERISTICS

reference	Group code	Roller bogØ/outØ E/F	Wire-rope Ø min/max	Flange width L	Hook bowl to top H	Overall thickness K	WLL* (t)	Weight
E140G	80809	60/80	4/5	86	223	55	0.32	1.6
E144G	80829	80/100	8/9	106	293	59	0.63	2.5
E146G**	80849							

* WLL : Work Load Limit Dimensions in mm
** bronze bush





TECHNICAL CHARACTERISTICS

- Ultimate load is 4 times the working load limit (WLL).
- Zinc bichromated coating.

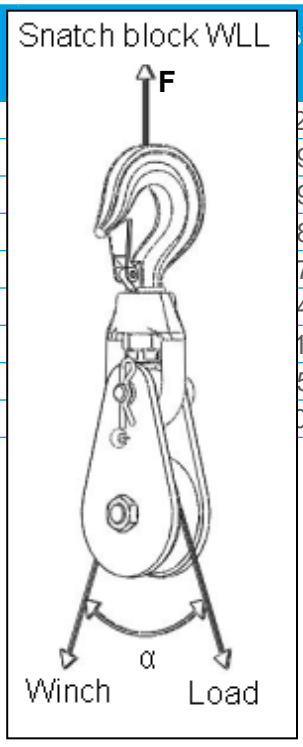
NON-CONFORM USES

- NEVER USE FOR PERSONNEL LIFTING.
- Always use suitable rope (size, length and capacity)
- Strictly forbidden to either be under or to walk under the load.
- The block should be regularly inspected (priory checking: parts correctly assembled, no excessive movement, no excessive wearing or corrosion, no deformation, no weld corrosion or cracking, free rotating sheave).
- Prior to using the block, check for proper position and locking of the snatch block.
- Never use a block with a hook as headfitting without ensuring that the safety latch is correctly operated and free from deformation.
- For lifting operations, the user must refer to the safety rules and regulations applicable to this issue.
- The operator is not authorised to release the rope or leave equipments out of control when a load is hanged up on a pulley.
- Never install a Charlet return pulley as a hook block on lifting equipments (crane, hoist, ...).

Calculation of loading of a snatch blocks

The maximum Working Load Limit (WLL) written on the side of the block is the maximum load that should be exerted on the block and its connecting fitting.
This total load value F varies with the angle (**α**) between the incoming and departing lines to the block. The following table indicates the factor to be multiplied by the line pull to obtain the total load F on the block.

Angle α	pension
0°	2
15°	98
30°	95
45°	85
60°	73
90°	41
120°	1
150°	52
180°	0



Always ensure :
F < pulley WLL
F < anchoring point resistance.