ANCHOR WINCH



HRV0,7-K1H-Al-365x500
HRV1,1-K1H-Al-365x500
HRV1,8-K1H-Al-365x500

SCAM marine

ANCHOR WINCH

HRV 0,7/1,1/1,8

INTRODUCTION

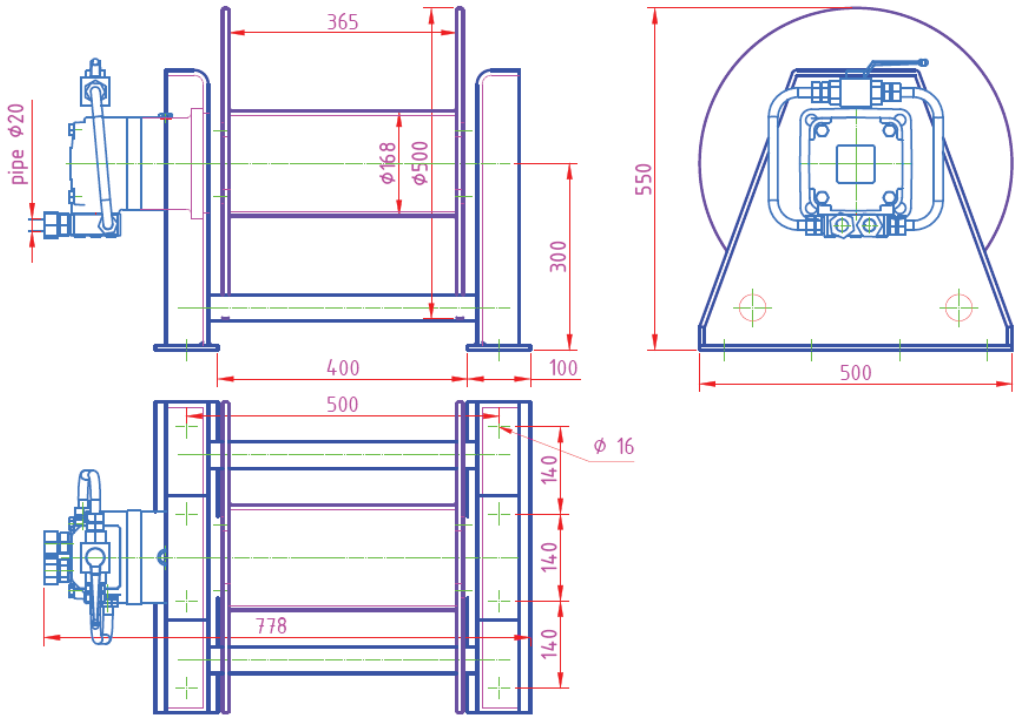
This hydraulic Anchor Winch is designed for pulling - lifting anchor by rope and unwraping rope anchor.

The Winch consists of:

- hydraulic motor, directly coupled on drum
- drum for rope (chain)
- bearing
- side frame with distant rod

The hydraulic motor is orbital type with by pass valve.
Drum and frame are made of aluminum alloy, resistant to sea water.

DIMENSIONS



TECHNICAL FEATURES

	HRV0,7-K1H	HRV1,1-K1H	HRV1,8-K1H
- for rope	d = 18 mm	d = 20 mm	d = 22 mm
- rope length	L = 160 m	L = 150 m	L = 120 m
- drum torque	M = 0,7 kNm	M = 1,1 kNm	M = 1,8 kNm
- drum speed revolution	n = 23 rpm	n = 25 rpm	n = 23 rpm
- pulling force (1. layer)	F = 7,7 kN	F = 12,2 kN	F = 18,5 kN
- pulling force (3. layer)	F = 5,6 kN	F = 8,6 kN	F = 12,7 kN
- pulling force (6. layer)	F = 3,9 kN	F = 5,9 kN	F = 8,6 kN
- drum diameter max	D_{max} = 500 mm	D_{max} = 500 mm	D_{max} = 500 mm
- drum diameter min	D_{min} = 168 mm	D_{min} = 168 mm	D_{min} = 168 mm
- drum width, for rope	B = 365 mm	B = 365 mm	B = 365 mm
- pulling speed (3. layer)	v_m = 19 m/min	v_m = 21 m/min	v_m = 20 m/min
- pulling speed (1. layer)	v_1 = 14 m/min	v_1 = 15 m/min	v_1 = 14 m/min
- hydromotor displacement	q = 326 cm^3/rev	q = 523 cm^3/rev	q = 801,2 cm^3/rev
- working pressure	p = 150 bar	p = 150 bar	p = 150 bar
- flow	Q = 7,8 dm^3/rev	Q = 13,3 dm^3/rev	Q = 18,8 dm^3/rev
- winch weight	G = 80 kg	G = 80 kg	G = 80 kg
- material	AlMg4,5	AlMg4,5	AlMg4,5

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