

MODEL CODE	PART NUMBER	MOTOR TYPE
URUZ HYD AIR 9.5 VH5T1112	118112	HYDRAULIC 50 cc



STANDARD COMPLIANCE

EN14492-2 :2019, SAE J706
 2006/42/EC - EN ISO 121000 :2010, ISO 7637-2 :2004
 2014/30/EU – EN50498 :2010, ISO7637-2 :2011, CISPR 25: 2008

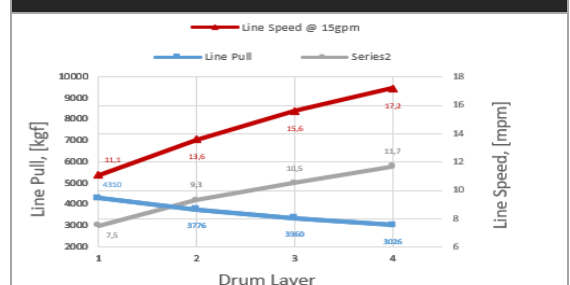
WINCH SPECIFICATIONS

Rated Pulling Force	4310 kgf	9500 lbf
Drum Barrel Diameter	126 mm	4.96 in
Drum Width	197 mm	7.76 in
Evaluated Rope Diameter	Ø11.2	7/16 in
Maximum Wire Rope Diameter	Ø14	9/16 in
Minimum Wire Rope Breaking Strength	9616 kgf	21200 lbf
Recommended Wire Rope Type	6 x 29 IWRC	
Maximum Layers of Wire Rope	4	
Gear Train, Reduction	2 Stage Planetary, 45.8:1	
Mounting Bolt Size	M12 X 1.75 Class 8.8	
Mounting Bolt Torque	63-69 Nm	46-51 lbf-ft
Duty Cycle (per EN 1449-2)	N/A	N/A
Approximate Shipping Weight	62.5 kg	137.8 lb
Brake Type	Automatic Mechanical Brake	
Sealing	IP68	
UV Rating	1200kJ/m ² per ASTM G154	
Corrosion Resistance	408 hrs per ASTM B117	
Operating Temperature	-40°C to +60°C (-25.6°F to 131°F)	
Decibels	95 Db	

PERFORMANCE BY LAYER

Drum Layer	Line Pull kgf / lbf	Line Speed		Rope Capacity m / ft
		10gpm	15gpm	
1	4310 / 9500	7,5 / 24,6	11,1 / 36,4	7,3 / 23,9
2	3776 / 8325	9,3 / 30,5	13,6 / 44,6	15,2 / 49,8
3	3360 / 7408	10,5 / 34,4	15,6 / 51,2	24,6 / 80,6
4	3026 / 6671	11,7 / 38,4	17,2 / 56,4	34,4 / 112,8

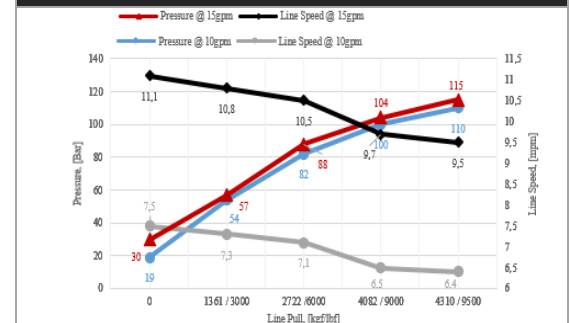
PERFORMANCE BY LAYER



FIRST LAYER PERFORMANCE

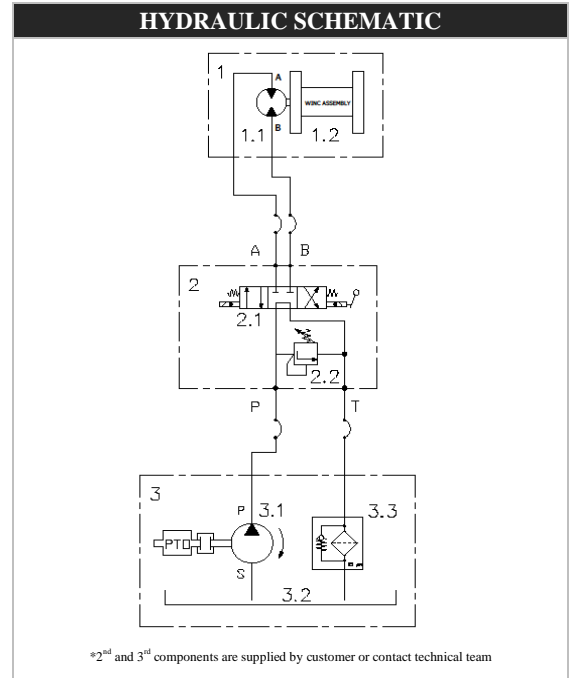
Line Pull kgf / lbf	Line Speed		Pressure		Duty Cycle min/10min
	10gpm	15gpm	10gpm	15gpm	
	mpm / fpm		bar / psi		
0	7,5 / 24,6	11,1 / 36,4	19 / 272,6	30 / 435,1	N/A
1361 / 3000	7,3 / 23,9	10,8 / 35,4	54 / 783,2	57 / 826,7	N/A
2722 / 6000	7,1 / 23,3	10,5 / 34,4	82 / 1189,3	88 / 1276,3	N/A
4082 / 9000	6,5 / 21,3	9,7 / 31,8	100 / 1450,4	104 / 1508,4	N/A
4310 / 9500	6,4 / 21	9,5 / 31,2	110 / 1595,4	115 / 1668	N/A

FIRST LAYER PERFORMANCE



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HYDRAULIC SYSTEM REQUIREMENTS	
Maximum System Pressure	172 bar / 2500 psi
Maximum Rated Input Flow	60 lpm / 15 gpm



DIMENSIONAL DRAWING

