

Hydraulic Specification

V1.0

Project Name:	spirit 72-02		
Project Number:	P03647		
Date:	9-1-2023		
Engineer:	JP		
Revision:		Date:	
		Date:	
		Date:	



System Max Applied Pressure	250		bar
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				Hydraulic Fittings				Design Reference				Flow and Working					Required Relief Settings		Notes/Comments
Area	Name	Model	QTY	Hose Size	Length mm	Fitting A2	Fitting B2	Load	Stroke	System friction	Purchase	Flow L/m	Max Cylinder Pull at 345 Bar	Pull Load Kg	Hold Load Kg	Pressure bar	Load Kg	Pressure Bar	
Vang	Vang Pull	Harken-060	1	5/16	5500	Female 9/16" JIC	Blank (not supplied)	7421	420	2,5%	1:1	20	15194	7421	7792	169	7421	177	
	Vang Push									0,0%	-	0		0		1	0		
Mast	Cunningham	Harken-010	1	1/4	6500	Female 7/16" JIC	Blank (not supplied)												
Mast	Outhaul	Harken-010	1	1/4	6500	Female 7/16" JIC	Blank (not supplied)												
Boom	Outhaul	Harken-010	1	1/4	2800	Female 7/16" JIC	Female 7/16" JIC	1808	350	2,5%	1:1	10	3508	1853	2039	182	1808	200	
Boom	Cunningham	Harken-010	1	1/4	1800	Female 7/16" JIC	Female 7/16" JIC	1001	350	2,5%	1:1	10	3508	1026	1129	101	1026	111	
Backstay	Backstay Ram	Harken-022	2	1/4	Yard			2677	800	2,5%	1:1	10	5566	2744	2881	173	2677	179	
BS Deflector	Backstay Deflector									0,0%				#WAARDE!	#WAARDE!		#WAARDE!		