

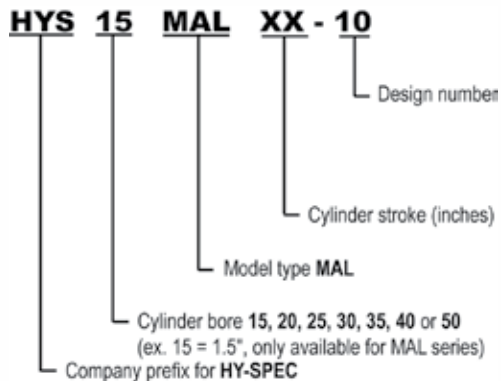
Operating pressure: 3000 PSI

100% PRESSURE TESTED

MAL CYLINDER DIMENSIONS

	TUBE DIA.	A	Ø B PIN	K	L	PORTS (SAE)
in.	1.500	8.000	0.750	2.000	2.250	6
mm	38.10	203.20	19.05	50.80	57.15	
in.	2.000	8.000	1.000	2.250	2.750	6
mm	50.80	203.20	25.40	57.15	69.85	
in.	2.500	8.000	1.000	2.250	3.250	8
mm	63.50	203.20	25.40	57.15	82.55	
in.	3.000	8.000	1.000	2.250	3.750	8
mm	76.20	203.20	25.40	57.15	95.25	
in.	3.500	10.000	1.250	2.250	4.250	8
mm	88.90	254.00	31.750	57.15	107.95	
in.	4.000	10.000	1.500	2.500	4.750	8
mm	101.60	254.00	38.10	63.50	120.65	
in.	5.000	12.000	1.750 / 2.000	3.250	6.000	12
mm	127.00	304.80	44.45	82.55	152.40	

MODEL NUMBER FOR MAL



WARNING / ATTENTION

PLEASE NOTE THAT THE MAXIMUM CAPACITY OF CLEVIS PINS ARE:
VEUILLEZ NOTER QUE LA CAPACITE MAXIMUM DES GOUPILES D'ATTACHEMENT EST DE :

1" Ø = 26 000 Lbs	1-1/2" Ø = 56 000 Lbs
1-1/4" Ø = 39 000 Lbs	2" Ø = 96 000 Lbs

MODEL	BORE X STROKE (in.)	ROD DIA. (in.)	PIN DIA. (in.)	CENTER TO CENTER OF PIN (in.)		PORTS	MAX EXTENSION PRESSURE (PSI)	WEIGHT (lb)	SEAL KIT PART #					
				Retracted	Extended									
HYS 15MAL04-10	1 1/2 X 4	1	3/4	12	16	SAE-6	3000	8	HYS MF 151000-10					
HYS 15MAL06-10	1 1/2 X 6			14	20			9						
HYS 15MAL08-10	1 1/2 X 8			16	24			10						
HYS 15MAL10-10	1 1/2 X 10			18	28			12						
HYS 15MAL12-10	1 1/2 X 12			20	32			13						
HYS 15MAL14-10	1 1/2 X 14			22	36			14						
HYS 15MAL16-10	1 1/2 X 16			24	40			15						
HYS 20MAL04-10	2 X 4			1-1/4				12		16	11	HYS MF 201250-10		
HYS 20MAL06-10	2 X 6	14	20					13						
HYS 20MAL08-10	2 X 8	16	24					15						
HYS 20MAL10-10	2 X 10	18	28					16						
HYS 20MAL12-10	2 X 12	20	32					18						
HYS 20MAL14-10	2 X 14	22	36					20						
HYS 20MAL16-10	2 X 16	24	40					21						
HYS 20MAL18-10	2 X 18	26	44					23						
HYS 20MAL20-10	2 X 20	28	48					25						
HYS 20MAL24-10	2 X 24	32	56					28						
HYS 20MAL28-10	2 X 28	36	64					2700	31					
HYS 20MAL30-10	2 X 30	38	68					2400	33					
HYS 20MAL32-10	2 X 32	40	72					2200	35					
HYS 20MAL36-10	2 X 36	44	80					1700	39					
HYS 20MAL40-10	2 X 40	48	88					1400	42					
HYS 20MAL48-10	2 X 48	56	104					1000	49					
HYS 25MAL04-10	2 1/2 X 4	1-1/2	1					12	16	SAE-8	3000		15	HYS MF 251500-10
HYS 25MAL06-10	2 1/2 X 6							14	20				17	
HYS 25MAL08-10	2 1/2 X 8							16	24				20	
HYS 25MAL10-10	2 1/2 X 10							18	28				22	
HYS 25MAL12-10	2 1/2 X 12			20	32			24						
HYS 25MAL14-10	2 1/2 X 14			22	36	26								
HYS 25MAL16-10	2 1/2 X 16			24	40	28								
HYS 25MAL18-10	2 1/2 X 18			26	44	31								
HYS 25MAL20-10	2 1/2 X 20			28	48	33								
HYS 25MAL24-10	2 1/2 X 24			32	56	37								
HYS 25MAL28-10	2 1/2 X 28			36	64	42								
HYS 25MAL30-10	2 1/2 X 30			38	68	44								
HYS 25MAL32-10	2 1/2 X 32			40	72	2900	46							
HYS 25MAL36-10	2 1/2 X 36			44	80	2300	51							
HYS 25MAL40-10	2 1/2 X 40			48	88	1900	55							
HYS 25MAL48-10	2 1/2 X 48			56	104	1400	64							
HYS 30MAL06-10	3 X 6	1-1/2		14	20		3000	21	HYS MF 301500-10					
HYS 30MAL08-10	3 X 8			16	24			24						
HYS 30MAL10-10	3 X 10			18	28			26						

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MODEL	BORE X STROKE (in.)	ROD DIA. (in.)	PIN DIA. (in.)	CENTER TO CENTER OF PIN (in.)		PORTS	MAX EXTENSION PRESSURE (PSI)	WEIGHT (lb)	SEAL KIT PART #	
				Retracted	Extended					
HYS 30MAL12-10	3 X 12	1-1/2	1	20	32	SAE-8	3000	29	HYS MF 301500-10	
HYS 30MAL14-10	3 X 14			22	36			31		
HYS 30MAL16-10	3 X 16			24	40			33		
HYS 30MAL18-10	3 X 18			26	44			36		
HYS 30MAL20-10	3 X 20			28	48			38		
HYS 30MAL24-10	3 X 24			32	56			43		
HYS 30MAL28-10	3 X 28			36	64		48	2500		
HYS 30MAL30-10	3 X 30			38	68		50	2200		
HYS 30MAL32-10	3 X 32			40	72		53	2000		
HYS 30MAL36-10	3 X 36			44	80		58	1600		
HYS 30MAL40-10	3 X 40			48	88		63	1300		
HYS 30MAL48-10	3 X 48			56	104		73	950		
HYS 35MAL06-10	3 1/2 X 6			1-3/4	1-1/4		16	22		SAE-8
HYS 35MAL08-10	3 1/2 X 8	18	26			33				
HYS 35MAL10-10	3 1/2 X 10	20	30			36				
HYS 35MAL12-10	3 1/2 X 12	22	34			39				
HYS 35MAL14-10	3 1/2 X 14	24	38			42				
HYS 35MAL16-10	3 1/2 X 16	26	42			45				
HYS 35MAL18-10	3 1/2 X 18	28	46			48				
HYS 35MAL20-10	3 1/2 X 20	30	50			51				
HYS 35MAL24-10	3 1/2 X 24	34	58			57				
HYS 35MAL28-10	3 1/2 X 28	38	66			63				
* HYS 35MAL30-10	3 1/2 X 30	40	70			66	2900			
HYS 35MAL32-10	3 1/2 X 32	42	74			69	2600			
HYS 35MAL36-10	3 1/2 X 36	46	82			75	2100			
HYS 35MAL40-10	3 1/2 X 40	50	90			81	1700			
HYS 35MAL48-10	3 1/2 X 48	58	106			93	1200			
HYS 40MAL08-10	4 X 8	2	1-1/2			18	26	SAE-8	3000	
HYS 40MAL10-10	4 X 10			20	30	50				
HYS 40MAL12-10	4 X 12			22	34	55				
HYS 40MAL14-10	4 X 14			24	38	59				
HYS 40MAL16-10	4 X 16			26	42	63				
HYS 40MAL18-10	4 X 18			28	46	67				
HYS 40MAL20-10	4 X 20			30	50	71				
HYS 40MAL24-10	4 X 24			34	58	80				
HYS 40MAL28-10	4 X 28			38	66	88				
HYS 40MAL30-10	4 X 30			40	70	92				
HYS 40MAL32-10	4 X 32			42	74	96				
HYS 40MAL36-10	4 X 36			46	82	105	2700			
HYS 40MAL40-10	4 X 40			50	90	113	2300			
HYS 40MAL48-10	4 X 48			58	106	130	1600			

*Stocked in limited quantity.

MODEL	BORE X STROKE (in.)	ROD DIA. (in.)	PIN DIA. (in.)	CENTER TO CENTER OF PIN (in.)		PORTS	MAX EXTENSION PRESSURE (PSI)	WEIGHT (lb)	SEAL KIT PART #				
				Retracted	Extended								
HYS 50MAL08-10	5 X 8	2-1/2	1-3/4 & 2	20	28	SAE-12	3000	82	HYS MF 502500-10				
* HYS 50MAL10-10	5 X 10			22	32			89					
HYS 50MAL12-10	5 X 12			24	36			95					
* HYS 50MAL14-10	5 X 14			26	40			101					
* HYS 50MAL16-10	5 X 16			28	44			108					
* HYS 50MAL18-10	5 X 18			30	48			114					
HYS 50MAL20-10	5 X 20			32	52			121					
HYS 50MAL24-10	5 X 24			36	60			133					
HYS 50MAL28-10	5 X 28			40	68			146					
HYS 50MAL30-10	5 X 30			42	72			152					
HYS 50MAL32-10	5 X 32			44	76			159					
* HYS 50MAL36-10	5 X 36			48	84			172					
HYS 50MAL40-10	5 X 40			52	92			184					
HYS 50MAL48-10	5 X 48			60	108			210					
								2500		210			

*Stocked in limited quantity.

CYLINDER PARTS & ACCESSORIES



PIN ONLY



PIN & BUSHING KIT



FEMALE CLEVIS



STROKE LIMITERS

Dimensions in inches

PIN ONLY			
MODEL	Ø PIN	USABLE LENGTH	FOR CYLINDER MODEL
HYSPIN1000X2625	1	2.750	20AGU-10 25AGU-10 30AGU-10 35AGU-10 40AGU-10
HYSPIN1000X2250	1	2.250	20FEM-10 25FEM-10 30FEM-10
HYSPIN1000X3375	1-1/4	2.500	35FEM-10
HYSPIN1500X4375	1-1/2	3.250	40FEM-10
HYSPIN2000X4250	2	4.250	50FEM-10

PIN & BUSHING KIT (includes 2 pins & 4 bushings)		
MODEL	Ø PIN	FOR CYLINDER MODEL
HYSHYF-35-075-K	1-1/4 to 1	35FEM-10
HYSHYF-40-075-ASAE-K	1-1/2 to 1	40FEM-ASAE-10
HYSHYF-40-075-K	1-1/2 to 1	40FEM-10
HYSHYF-50-075-K	2 to 1-1/2	50FEM-10
HYSHYM-50-075	2 to 1 3/4	50MAL-10 (2 bushings only)
HYSITC-12-18-001	1 1/2 to 1	12ITC-10 (1 bushing only)

FEMALE CLEVIS		
MODEL	THREAD	FOR CYLINDER MODEL
HYSAGU-20-070	1-1/8 12UNF	20AGU-10 25AGU-10
HYSAGU-30-070	1-1/4 12UNF	30AGU-10 35AGU-10
HYSAGU-40-070	1-1/4 12UNF	40AGU-10

STROKE LIMITER ADJUSTABLE FROM 2 1/8" TO 5 3/16"		
MODEL	Ø ROD	FOR CYLINDER MODEL
HYSSL-1125-3000-001	1-1/8	20AGU-10 25AGU-10
HYSSL-1250-3000-001	1-1/4	30AGU-10 35AGU-10 40AGU-10
HYSSL-1250-3000-002	1-1/2 1-3/4 2	35AGU-10 40AGU-10

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