

TABLA DE SELECCIÓN DE ACOPLE DE MANGUEA HIDRÁULICA

PART NUMBER	HOSE I.D.	THREAD	A O.A.L.	B CUT-OFF	C ORIFICE	D HEX	E HEX	F DROP
HY04-04BP	1/4	1/4 - 19	2.40	1.03	.16	13/16		
HY04-06BP	1/4	3/8 - 19	2.54	1.19	.16	7/8		
HY04-08BP	1/4	1/2 - 14	2.64	1.28	.16	1 1/16		
HY05-06BP	5/16	3/8 - 19	2.57	1.28	.20	7/8		
HY06-06BP	3/8	3/8 - 19	2.55	1.19	.27	7/8		
HY06-08BP	3/8	1/2 - 14	2.65	1.28	.27	1 1/16		
HY08-06BP	1/2	3/8 - 19	2.73	1.38	.38	7/8		
HY08-08BP	1/2	1/2 - 14	2.83	1.47	.38	1 1/16		
HY10-10BP	5/8	5/8 - 14	2.98	1.59	.50	1 1/8		
HY10-12BP	5/8	3/4 - 14	2.98	1.59	.50	1 5/16		
HY12-12BP	3/4	3/4 - 14	3.09	1.50	.61	1 5/16		
HY16-16BP	1	1 - 11	3.31	1.69	.81	1 9/16		

Style BP
Male BSPP
DIN 3852

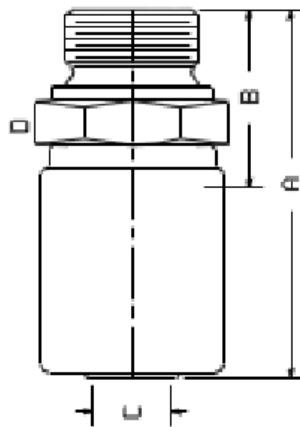


TABLA DE SELECCIÓN DE MANGUERE HIDRÁULICA

Medium Pressure Hose

Working Pressures to 3,000 PSI

HOSE SIZE (NOMINAL)		PRESSURE		BEND RADIUS	WEIGHT (APPROX.)	COUPLING RECOMMENDATIONS		
		Max. Working Pressure (PSI)	Min. Burst Pressure* (PSI)			PERMANENT	REUSABLE	
Catalog Number	I.D. (Inches)	O.D. (Inches)			Per 100 Ft. (pounds)	Series	Page #	Page #
	D604	1/4	.50	3,000			12,000	12
D605	5/16	.58	3,000	12,000	17	HY	132	
D606	3/8	.66	3,000	12,000	23	GBT-HY	132	
D608	1/2	.80	3,000	12,000	29	GBT-HY	132	
D610**	5/8	1.00	3,000	12,000	47	HF-HY	132	
D612**	3/4	1.18	3,000	12,000	73	HY	132	
D616**	1	1.48	3,000	12,000	101	HY	132	

D6

Exceeds SAE 100R17



Applications: Used in medium pressure hydraulic applications where 3,000 PSI working pressure is required

Temperature Range: -40° F to +250° F

Tube: Polyester

Reinforcement: One braid of high tensile steel wire
** Two braids of high tensile steel wire

Cover: Neoprene-MSHA approved

TABLA DE SELECCIÓN DE ELECTROVÁLVULA

Features of electro-magnetic coil:

Solenoid Classification	Power Source	Voltage (V)	Frequency (Hz)	Inrush Current (A)	Holding Current (A)	Holding Power (W)	Permissible Voltage (%)	Insulation Grade	Coil Insulation Class	Insulation Resistance (M Ω)
AC	A1	110	50	1.6	0.47	23	+10, -15	B	H (108°C)	>50
		120	60	1.5	0.42	24	+10, -15			
	A2	220	50	0.8	0.24	23	+10, -15			
DC	D1	240	60	0.75	0.21	24	+10, -15	B	H (108°C)	>50
	D2	12	-	-	2.4	29	+10, -15			
RF	R1	AC110V, 50/60Hz DC99V	-	-	1.16	28	+10, -15	B	H (108°C)	>50
	R2	AC220V, 50/60 Hz DC99V	-	-	0.33	30	+10, -10			
					0.33	30	+10, -10			

TABLA DE SELECCIÓN DE BOMBA

Two-Stage Pumps

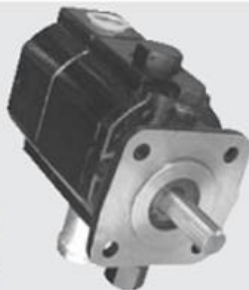
• Compact, two-stage, external gear pumps designed for use at elevated pressures • Ideal for press-type applications requiring speeds and slower peak actuator work speeds due to horsepower limitations or safety constraints • Rotation is clockwise v

• ½" shafts use 404 woodruff key • ¾" shafts use ½" x 1" straight key • 4,000 RPM max • Maximum pressure 3,000 PSI

CHIEF™ Two-Stage Pumps

BAILEY NO.	GPM @ 3600 RPM		RECOMMENDED		PORT SIZE		OV'ALL LGTH.	MOUNTING FLANGE	SHAFT DIA. X LNG
	LO @ 650 PSI	HIGH @ 3000 PSI	HP	CYL. BORE	IN	OUT			
250-095	4.5	1.0	5	3½"	½" NPT	½" NPT	4.72"	4-bolt	½ x 1½
250-096	6.4	1.0	5	3½"	½" NPT	½" NPT	4.72"	4-bolt	½ x 1½
250-097	8.1	2.7	5	3½"	½" NPT	½" NPT	4.80"	4-bolt	½ x 1½
250-098	10.0	2.7	6	4"	½" NPT	½" NPT	5.54"	4-bolt	½ x 1½
250-092	10.0	2.7	6	4"	1" tube	½" NPT	5.54"	4-bolt	½ x 1½
Take advantage of the above pricing on all orders through 31, Dec. 2009									
250-093	11.8	2.7	7	4"	1" tube	½" NPT	6.91"	4-bolt	½ x 1½
250-094	14.5	3.6	8	4"	1" tube	½" NPT	6.91"	4-bolt	½ x 1½
252-211	19.6	6.5	12	5"	1" NPT	¾" NPT	8.09"	2-bolt A	¾ x 1½
252-212	26.0	6.5	16	5"	1" NPT	¾" NPT	8.09"	2-bolt A	¾ x 1½

New!



Sample Applications
Trash Compactors
Lockdowns
Clamping Mechanisms
Crimping Machinery
Metal Forming Machinery



TABLA PARA SELECCIÓN DE PERFIL DE ESTRUCTURA

TABLA B-5. Propiedades de perfiles L (ángulos) de lados iguales, americanos

Dimensiones (mm)	Masa (aprox.) (kg/m)	Área (mm ²)	Eje X-X		Eje Y-Y		Eje Z-Z	
			I (10 ⁶ mm ⁴)	$S = \frac{I}{c}$ (10 ³ mm ³)	$r = \frac{x_0}{\sqrt{I/A}}$ (mm)	$r = \frac{y_0}{\sqrt{I/A}}$ (mm)	$r = \frac{x_0}{\sqrt{I/A}}$ (mm)	$r = \frac{y_0}{\sqrt{I/A}}$ (mm)
200 × 200 × 30	87.1	11 100	40.3	290	60.3	60.9	39.0	
× 25	73.6	9 380	34.8	247	60.9	59.2	39.1	
× 20	59.7	7 600	28.8	202	61.6	57.4	39.3	
× 16	48.2	6 140	23.7	165	62.1	55.9	39.5	
× 13	39.5	5 030	19.7	136	62.6	54.8	39.7	
× 10	30.6	3 900	15.5	106	63.0	53.7	39.9	
150 × 150 × 20	44.0	5 600	11.6	110	45.5	44.8	29.3	
× 16	35.7	4 540	9.63	90.3	46.0	43.4	29.4	
× 13	29.3	3 730	8.05	74.7	46.4	42.3	29.6	
× 10	22.8	2 900	6.37	58.6	46.9	41.2	29.8	
125 × 125 × 16	29.4	3 740	5.41	61.5	38.0	37.1	24.4	
× 13	24.2	3 080	4.54	51.1	38.4	36.0	24.5	
× 10	18.8	2 400	3.62	40.2	38.8	34.9	24.7	
× 8	15.2	1 940	2.96	32.6	39.1	34.2	24.8	
100 × 100 × 16	23.1	2 940	2.65	38.3	30.0	30.8	19.5	
× 13	19.1	2 430	2.24	31.9	30.4	29.8	19.5	
× 10	14.9	1 900	1.80	25.2	30.8	28.7	19.7	
× 8	12.1	1 540	1.48	20.6	31.1	28.0	19.8	
× 6	9.14	1 160	1.14	15.7	31.3	27.2	19.9	
90 × 90 × 13	17.0	2 170	1.60	25.6	27.2	27.2	17.6	
× 10	13.3	1 700	1.29	20.2	27.6	26.2	17.6	
× 8	10.8	1 380	1.07	16.5	27.8	25.5	17.7	
× 6	8.20	1 040	0.826	12.7	28.1	24.7	17.9	
75 × 75 × 13	14.0	1 780	0.892	17.3	22.4	23.5	14.6	
× 10	11.0	1 400	0.725	13.8	22.8	22.4	14.6	
× 8	8.92	1 140	0.602	11.3	23.0	21.7	14.7	
× 6	6.78	864	0.469	8.68	23.3	21.0	14.8	
× 5	5.69	725	0.398	7.32	23.4	20.6	14.9	
65 × 65 × 10	9.42	1 200	0.459	10.2	19.6	19.9	12.7	
× 8	7.66	976	0.383	8.36	19.8	19.2	12.7	
× 6	5.84	744	0.300	6.44	20.1	18.5	12.8	
× 5	4.91	625	0.255	5.45	20.2	18.1	12.9	
55 × 55 × 10	7.85	1 000	0.268	7.11	16.4	17.4	10.7	
× 8	6.41	816	0.225	5.87	16.6	16.7	10.7	
× 6	4.90	624	0.177	4.54	16.9	16.0	10.8	
× 5	4.12	525	0.152	3.85	17.0	15.6	10.8	
× 4	3.33	424	0.125	3.13	17.1	15.2	10.9	
× 3	2.52	321	0.096	2.39	17.3	14.9	11.0	
45 × 45 × 8	5.15	656	0.118	3.82	13.4	14.2	8.76	
× 6	3.96	504	0.094	2.98	13.7	13.4	8.79	
× 5	3.34	425	0.081	2.53	13.8	13.1	8.82	
× 4	2.70	344	0.067	2.07	13.9	12.7	8.87	
× 3	2.05	261	0.052	1.58	14.1	12.4	8.93	
35 × 35 × 6	3.01	384	0.042	1.74	10.5	10.9	6.81	
× 5	2.55	325	0.036	1.49	10.6	10.6	6.83	
× 4	2.07	264	0.030	1.22	10.7	10.2	6.86	
× 3	1.58	201	0.024	0.940	10.8	9.86	6.91	
25 × 25 × 5	1.77	225	0.012	0.724	7.39	8.06	4.87	
× 4	1.44	184	0.010	0.599	7.50	7.71	4.87	
× 3	1.11	141	0.008	0.465	7.63	7.35	4.89	

