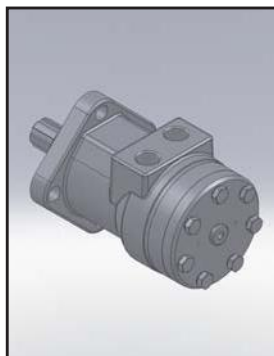




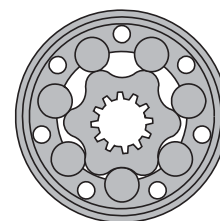
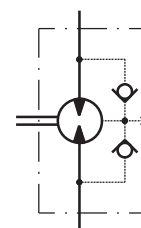
HIDRÁULICA
ROGIMAR

MOTORES HIDRÁULICOS MLR



APLICACION

- » Transportadores
- » Mecanismo de alimentación de robots y manipuladores.
- » Máquinas para trabajar el metal
- » Máquinas textiles
- » Maquinas agricolas
- » Industrias alimentarias
- » Maquinaria de corte de hierba, etc..



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Dimensiones y Montaje.....	18-24
Tipos de Eje.....	25-26
Carga admisible en Eje.....	27
Codificación.....	28

OPTIONS

- » Modelo: válvula de carrete, gerotor
- » Cojinetes cónicos anti-fricción
- » Montaje por Brida
- » Ejes: rectos, estriados y cónicos
- » Puertos métricos y BSPP
- » Otras características especiales

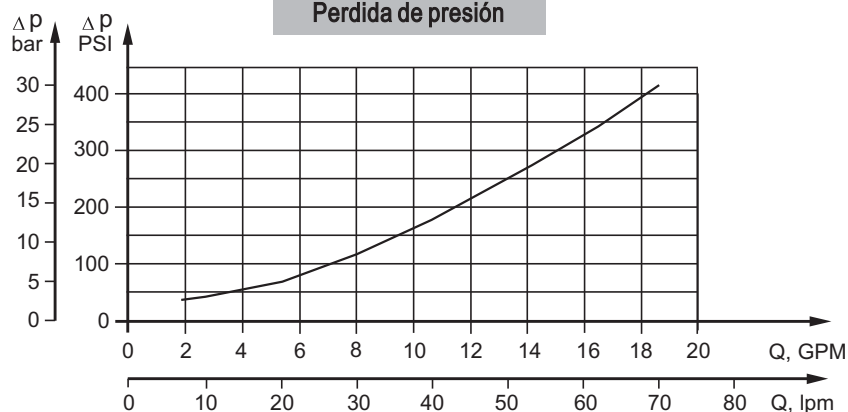
GENERAL

Desplazamiento Máx. cm ³ /rev [in ³ /rev]	397 [24.4]
Velocidad Máx., [RPM]	970
Par Máx., daNm [lb-in]	cont.: 61 [5400] int.: 69 [6100]
Salida Máx., kW [HP]	16 [21.5]
Perdida Presión Máx., bar [PSI]	cont.:175 [2540] int.: 200 [2900]
Caudal de Aceite Máx. lpm [GPM]	75 [20]
Velocidad Mín., [RPM]	10
Carga Máxima en eje daN [lb]	P _a =500 [1124]
Tipo del fluido	Mineral based- HLP(DIN 51524) or HM(ISO 6743/4)
Rango de Temperatura, C° [F°]	-40÷140 [-40÷284]
Rango Optimo Viscosidad mm ² /s [SUS]	20÷75 [98÷347]
Filtración	ISO code 20/16 (Min. recommended fluid filtration of 25 microns)

Caudal de aceite en drenaje

Pressure drop bar [PSI]	Viscosity mm ² /s [SUS]	Oil flow in drain line lpm [GPM]
100 [1450]	20 [98]	2,5 [.660]
	35 [164]	1,8 [.476]
140 [2030]	20 [98]	3,5 [.925]
	35 [164]	2,8 [.740]

Perdida de presión



SPECIFICATION DATA

Type		RL 50	RL 80	RL 100	RL 125	RL 160	RL 200	RL 250	RL 315	RL 400
Displacement, cm ³ /rev [in ³ /rev]		51,5 [3.14]	80,3 [4.90]	99,8 [6.09]	125,7 [7.67]	159,6 [9.74]	199,8[12.19]	250,1[15.26]	315,7[19.26]	397 [24.4]
Max. Speed, [RPM]	Cont.	775	750	600	475	375	300	240	190	150
	Int.*	970	940	750	600	470	375	300	240	190
Max. Torque, daNm [lb-in]	Cont.	10 [885]	19,5 [1725]	24 [2125]	30 [2655]	38 [3360]	45 [4000]	54 [4780]	55 [4870]	61 [5400]
	Int.*	13 [1150]	22 [1947]	28 [2480]	34 [3010]	43 [3805]	50 [4425]	61 [5400]	69 [6100]	69 [6100]
	Peak**	17 [1505]	27 [2390]	32 [2832]	37 [3275]	46 [4070]	56 [4960]	71 [6280]	84 [77430]	87 [7700]
Max. Output kW [HP]	Cont.	7 [9.5]	12,5 [17]	13 [17.4]	12,5 [16.8]	12,5 [16.8]	11 [14.8]	10 [13.4]	9 [12]	7,5 [10]
	Int.*	8,5 [11.9]	15 [20.1]	15 [20.1]	14,5 [19]	14 [18.8]	13 [17.4]	12 [16.1]	10 [13.4]	9 [12]
Max. Pressure Drop bar [PSI]	Cont.	140 [2030]	175 [2540]	175 [2540]	175 [2540]	175 [2540]	175 [2540]	175 [2540]	135 [1960]	110 [1600]
	Int.*	175 [2540]	200 [2900]	200 [2900]	200 [2900]	200 [2900]	200 [2900]	200 [2900]	175 [2540]	140 [2030]
	Peak**	225 [3260]	225 [3260]	225 [3260]	225 [3260]	225 [3260]	225 [3260]	225 [3260]	210 [3045]	175 [2540]
Max. Oil Flow lpm [GPM]	Cont.	40 [11]	60 [16]	60 [16]	60 [16]	60 [16]	60 [16]	60 [16]	60 [16]	60 [16]
	Int.*	50 [13]	75 [20]	75 [20]	75 [20]	75 [20]	75 [20]	75 [20]	75 [20]	75 [20]
Max. Inlet Pressure bar [PSI]	Cont.	175 [2540]	175 [2540]	175 [2540]	175 [2540]	175 [2540]	175 [2540]	175 [2540]	175 [2540]	175 [2540]
	Int.*	200 [2900]	200 [2900]	200 [2900]	200 [2900]	200 [2900]	200 [2900]	200 [2900]	200 [2900]	200 [2900]
	Peak**	225 [3260]	225 [3260]	225 [3260]	225 [3260]	225 [3260]	225 [3260]	225 [3260]	225 [3260]	225 [3260]
Max. Return Pres- sure without Drain Line or Max. Pres- sure in Drain Line, bar [PSI]	Cont. 0-100 RPM	100 [1450]	100 [1450]	100 [1450]	100 [1450]	100 [1450]	100 [1450]	100 [1450]	100 [1450]	100 [1450]
	Cont. 100-300 RPM	50 [725]	50 [725]	50 [725]	50 [725]	50 [725]	50 [725]	50 [725]	50 [725]	50 [725]
	Cont. 300-600 RPM	25 [365]	25 [365]	25 [365]	25 [365]	25 [365]	25 [365]	25 [365]	25 [365]	25 [365]
	Cont. >600 RPM	15 [220]	15 [220]	15 [220]	15 [220]	15 [220]	15 [220]	15 [220]	15 [220]	15 [220]
	Int.* 0-max. RPM	100 [1450]	100 [1450]	100 [1450]	100 [1450]	100 [1450]	100 [1450]	100 [1450]	100 [1450]	100 [1450]
Max. Return Pres- sure with Drain Line bar [PSI]	Cont.	140 [2030]	175 [2540]	175 [2540]	175 [2540]	175 [2540]	175 [2540]	175 [2540]	175 [2540]	175 [2540]
	Int.*	175 [2540]	200 [2900]	200 [2900]	200 [2900]	200 [2900]	200 [2900]	200 [2900]	200 [2900]	200 [2900]
	Peak**	225 [3260]	225 [3260]	225 [3260]	225 [3260]	225 [3260]	225 [3260]	225 [3260]	225 [3260]	225 [3260]
Max. Starting Pressure with Unloaded Shaft, bar [PSI]		10 [145]	10 [145]	10 [145]	9 [130]	7 [102]	5 [73]	5 [73]	5 [73]	5 [73]
Min. Starting Torque daNm [lb-in]		8 [710]	15 [1330]	20 [1770]	25 [2215]	32 [2835]	37 [3275]	45 [3983]	45 [3983]	49 [4335]
Min. Speed***, [RPM]		10	10	10	10	10	10	10	10	10
Weight, kg [lb]		7,7 [17]	7,8 [17.2]	8,1 [17.8]	8,2 [18]	8,4 [18.5]	8,9 [19.6]	9,3 [20.5]	10,0 [22]	10,7 [23.6]

* Operación intermitente: los valores permitidos pueden ocurrir para máx. 10% de cada minuto.

** Carga máxima: los valores permitidos pueden ocurrir para máx. 1% de cada minuto.

*** Para velocidades inferiores a las proporcionadas, consulte con su distribuidor

1. La velocidad intermitente y la presión intermitente no deben ocurrir simultáneamente.

2. La filtración recomendada es según el código de limpieza ISO 20/16. Una filtración nominal de 25 micras o mejor.

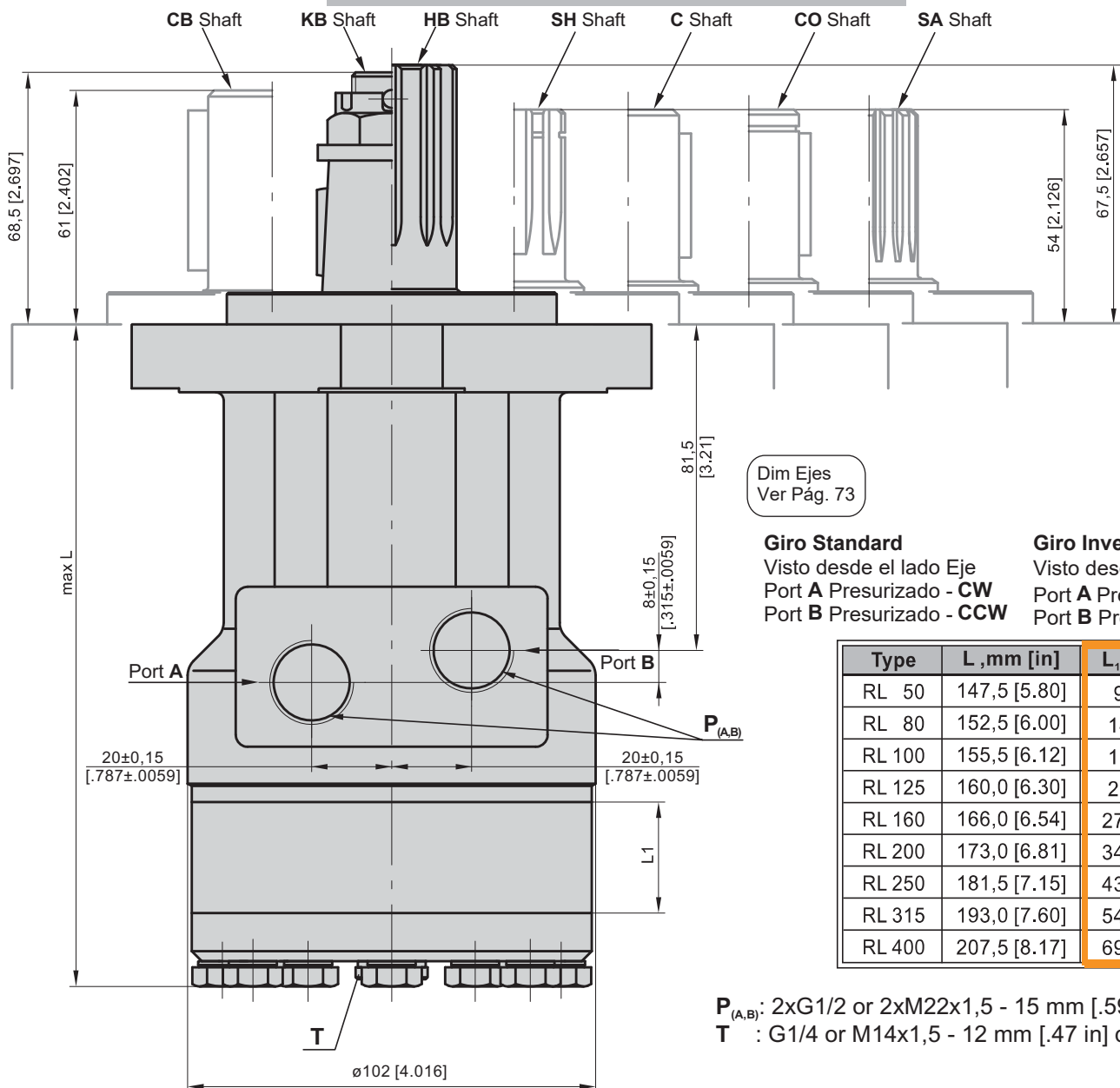
3. Se recomienda utilizar un aceite hidráulico de base mineral antidesgaste de alta calidad HLP (DIN51524) o HM (ISO6743/4). Si se utilizan fluidos sintéticos, consultar a la fábrica para materiales de sellado alternativos.

4. Viscosidad mínima recomendada del aceite 13 mm² / s [70 SUS] a 50 ° C [122 ° F].

5. La temperatura máxima de funcionamiento recomendada del sistema es 82 ° C [180 ° F].

6. Para asegurar una vida útil óptima del motor, llene con fluido antes de la carga y funcione a carga y velocidad moderadas durante 10-15 minutos.

DIMENSIONES Y REFERENCIAS DE MONTAJE



Dim Ejes
Ver Pág. 73

Giro Standard

Visto desde el lado Eje
Port A Presurizado - CW
Port B Presurizado - CCW

Giro Inverso

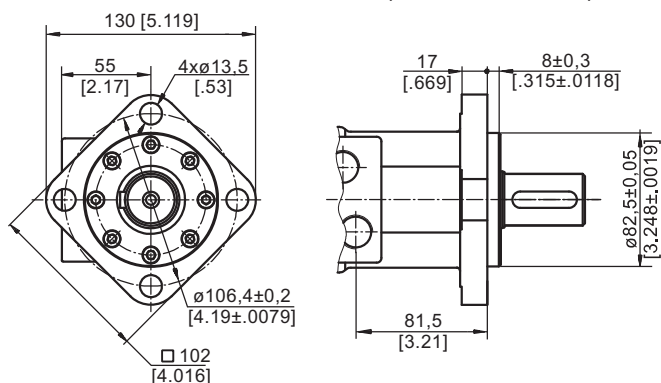
Visto desde el lado Eje
Port A Presurizado - CCW
Port B Presurizado - CW

Type	L ,mm [in]	L ₁ ,mm [in]
RL 50	147,5 [5.80]	9,0 [.35]
RL 80	152,5 [6.00]	14,0 [.55]
RL 100	155,5 [6.12]	17,4 [.69]
RL 125	160,0 [6.30]	21,8 [.86]
RL 160	166,0 [6.54]	27,8 [1.09]
RL 200	173,0 [6.81]	34,8 [1.37]
RL 250	181,5 [7.15]	43,5 [1.71]
RL 315	193,0 [7.60]	54,8 [2.16]
RL 400	207,5 [8.17]	69,4 [2.73]

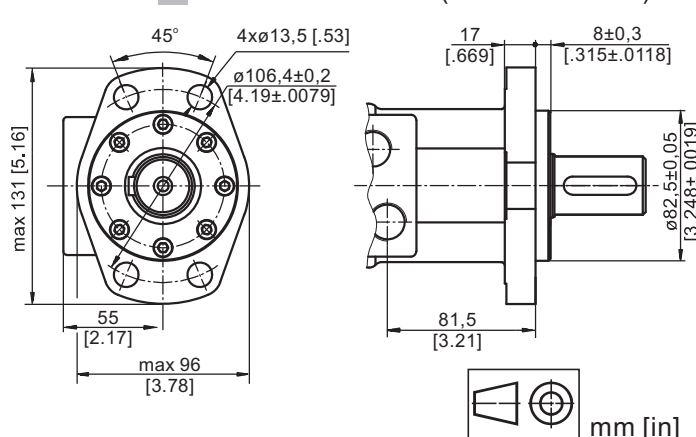
P_(A,B): 2xG1/2 or 2xM22x1,5 - 15 mm [.59 in] depth
T : G1/4 or M14x1,5 - 12 mm [.47 in] depth

MONTAJE

BRIDA CUADRADA (4 AGUJEROS)

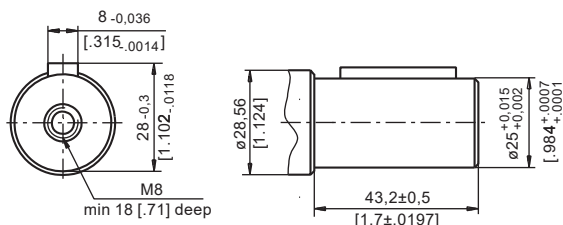


F - BRIDA OVALADA (4 AGUJEROS)

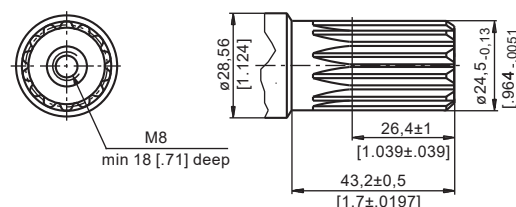


TIPO DE EJES

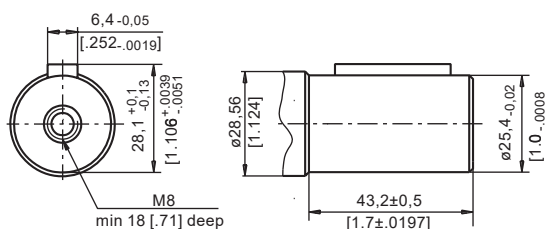
C - $\varnothing 25$ cilíndrico con chaveta A8x7x32 DIN 6885
Max. Torque 34 daNm [3010 lb-in]



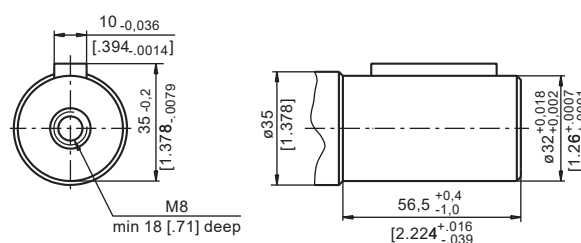
SA - Estriado, 14T, B25x22h9 DIN 5482
Max. Torque 40 daNm [3540 lb-in]



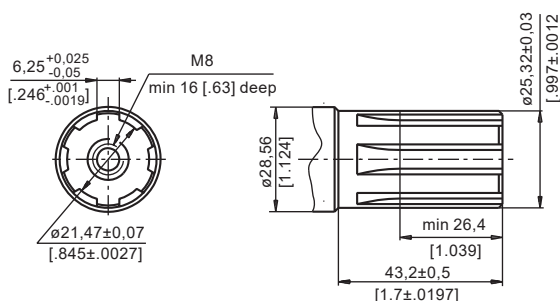
CO - $\varnothing 1$ " cilíndrico con chaveta $\frac{1}{4}$ "x $\frac{1}{4}$ "x $\frac{1}{4}$ " BS46
Max. Torque 34 daNm [3010 lb-in]



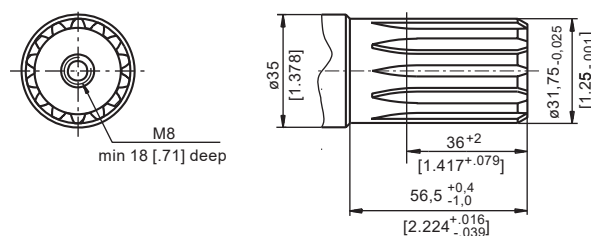
CB - $\varnothing 32$ cilíndrico con chaveta A10x8x45 DIN 6885
Max. Torque 77 daNm [6815 lb-in]



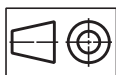
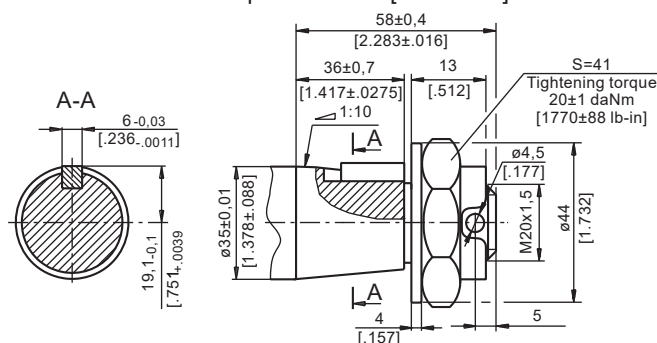
SH - Estriado, BS 2059 (SAE 6B)
Max. Torque 40 daNm [3540 lb-in]



HB - $\varnothing 1\frac{1}{4}$ " Estriado 14T, ANSI B92.1-1976 Norm
Max. Torque 77 daNm [6815 lb-in]



KB - Cónico 1:10, Chaveta B6x6x20 DIN 6885
Max. Torque 77 daNm [6815 lb-in]



mm [in]