

CATÁLOGO

BOMBAS A ENGRANAJES/gear pumps

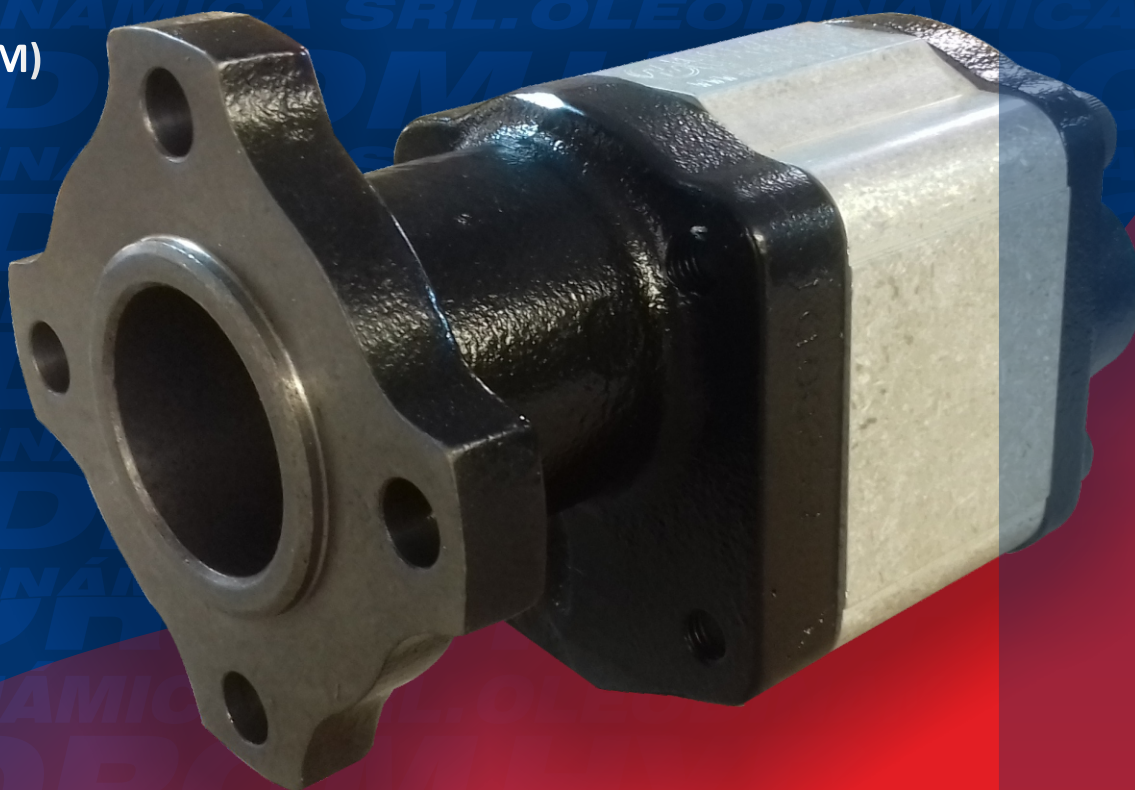
Grupo1: G1- A



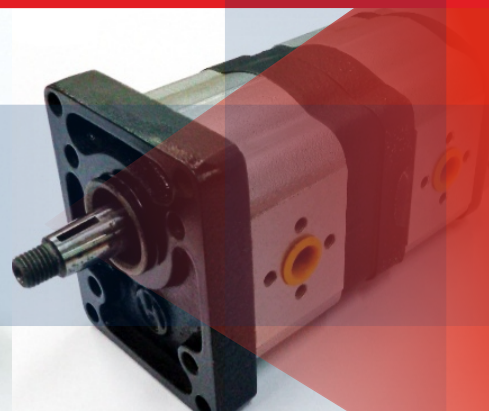
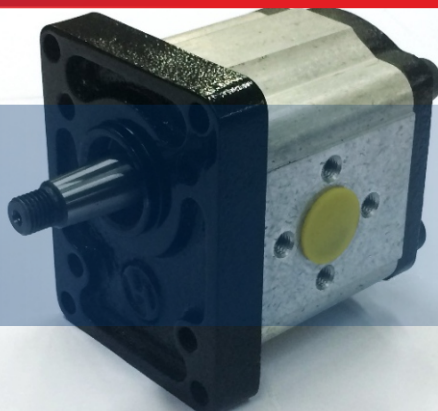
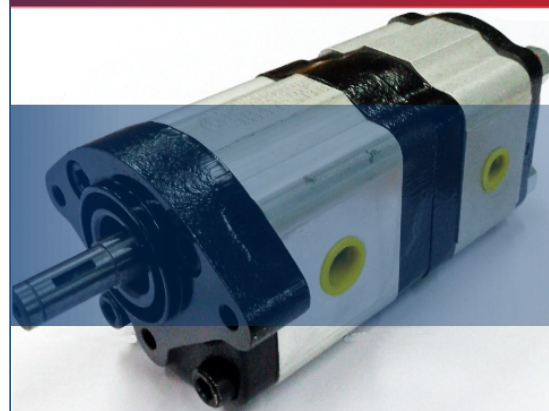
G1- A

L/MIN
(a 2000 RPM)

4
8
11
16
22
32
38
45

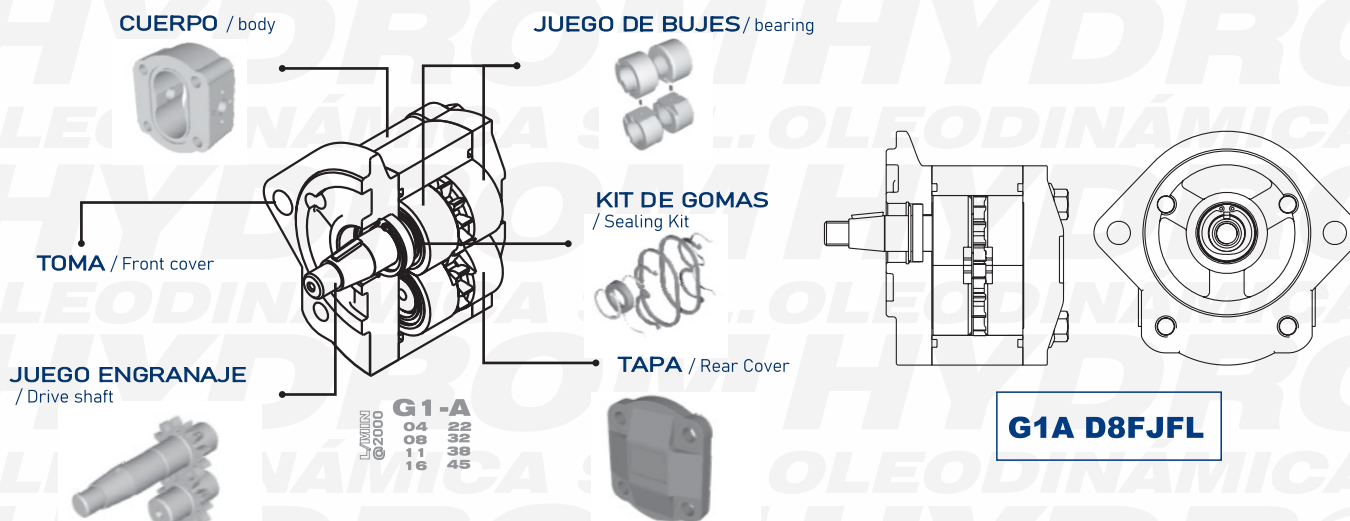


HYDROM
OLEODINÁMICA SRL



REPRESENTACIÓN ESQUEMÁTICA /schematic representation

Bomba G1- A



CÓDIGO DE PEDIDO/ order code



Características / Characteristics

Desplazamiento Volumétrico cm ³ /rev /Displacement	2	4	5,5	8	11	14	16	19	22,5
Caudal a 2000 RPM [L/min] /Flow @2000 Rpm	4	8	11	16	22	28	32	38	45
Presión máx. continua [BAR] /Max.continuous pressure	280	280	280	280	280	280	280	280	250
Presión máx. intermitente (10% de c/min) [BAR] /Max. intermittent pressure (10% of each minute)	300	300	300	300	300	300	300	300	290
RPM max a presión continua /Max. RPM at continuous pressure	4000	4000	4000	4000	3500	3500	3500	3500	3500
RPM min. a presión 100 BAR /Min. RPM at 100 BAR pressure	600	500	500	600	600	600	600	600	600
RPM min a presión 180 BAR /Min. RPM at 180 BAR pressure	700	700	700	800	800	800	900	1100	1200
RPM min a presión mayor a 200 BAR /Min. RPM at pressure higher than 200 BAR	900	900	1000	1000	1000	1100	1200	1300	1400

Presión de aspiración máxima/ Max. inlet pressure: 1,5 BAR (no se mide en producción solo en estudio)

Presión de aspiración negativa/ Negative inlet pressure: 0,25 BAR (no se mide en producción solo en estudio)

Temperatura del aceite/ Oil Temperature: 15°C a 75°C

Aceite tipo/Oil type: Hidráulico base Mineral según DIN/ISO /Mineral Oil based hydraulic fluids to DIN/ISO

Recomendado: Tipo HYD68 según ISO 68 ANP 1377/

Recommended: type Hyd68 according to ISO 68 ANP 1377

Filtración Mínima/ minimal filtration: ISO 4406

Obtenido con Filtro $\beta_{10=75}$ 18/16/14

Viscosidad Recomendada/ Recommended viscosity: 20-100 mm²/s

Viscosidad mínima admisible al inicio 2000 mm²/s /Min. admissible starting viscosity

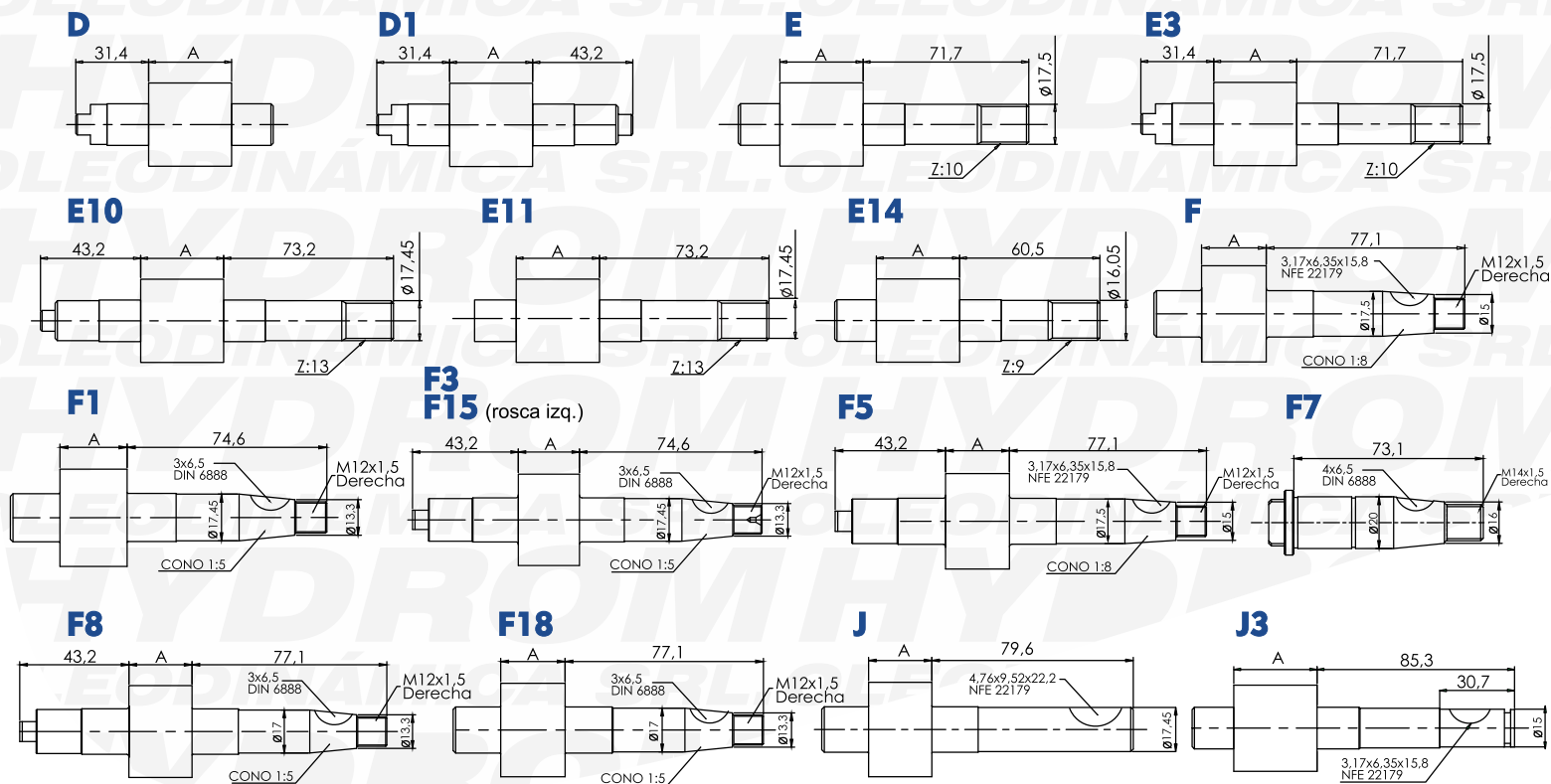
Viscosidad normal a temp. de trabajo 12-800 mm²/s /Normal viscosity at working temp.

Rendimiento Volumétrico/ Volumetric efficiency:

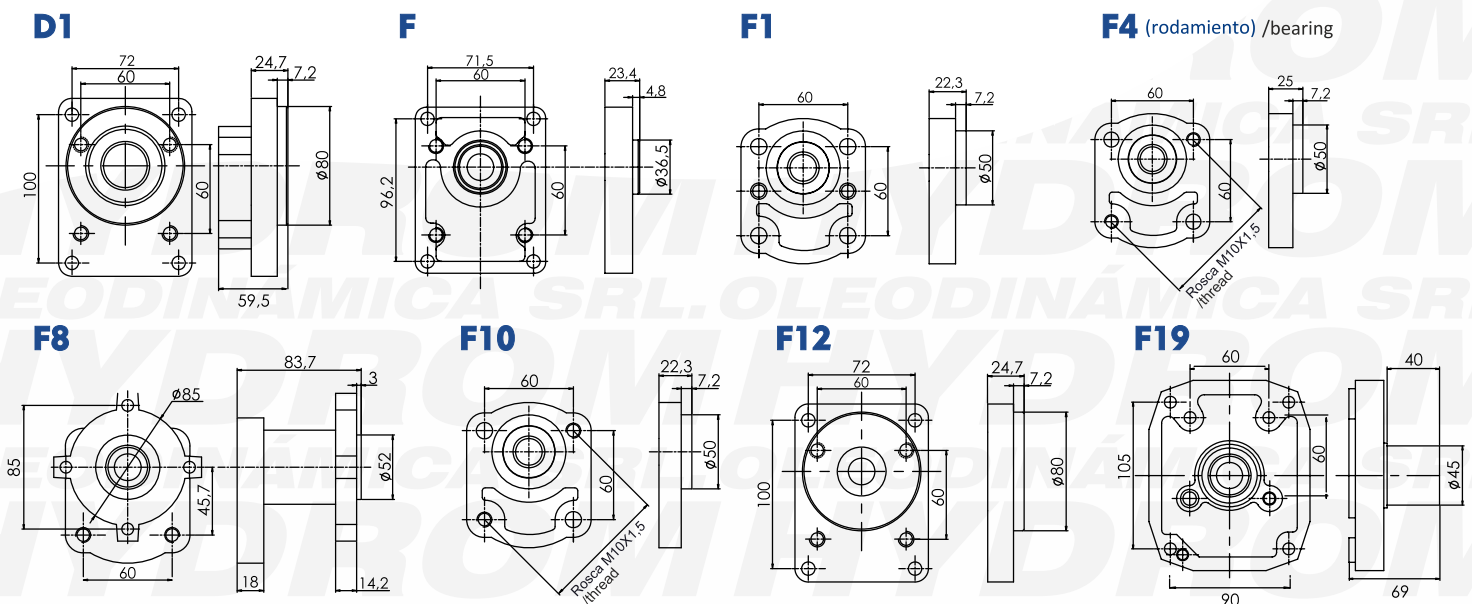
con aceite viscosidad 32 mm²/s a 20 BAR: 98% A 200 BAR 96%

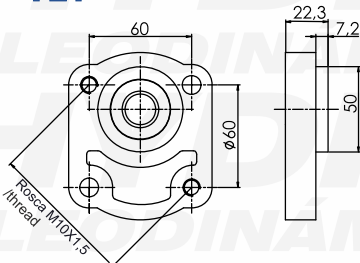
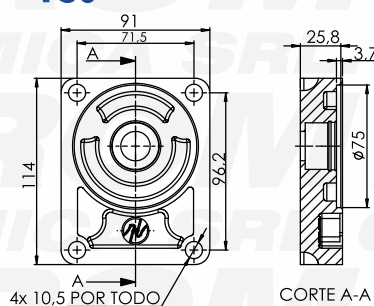
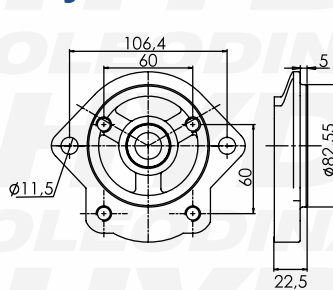
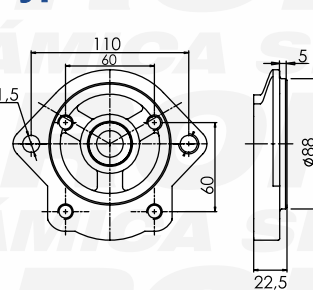
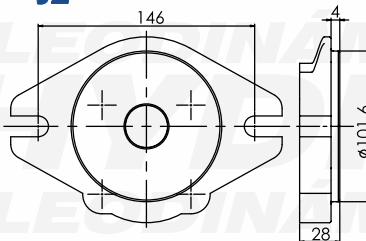
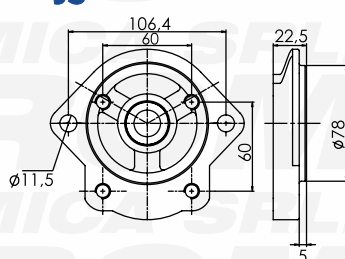
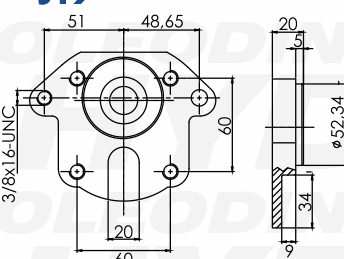
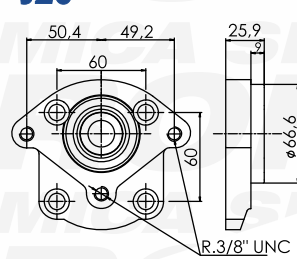
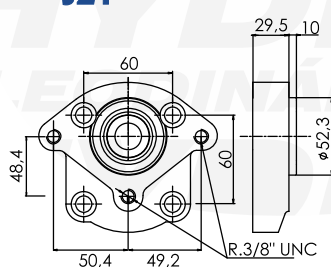
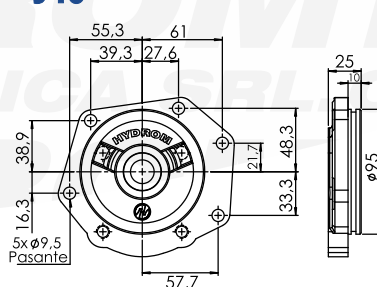
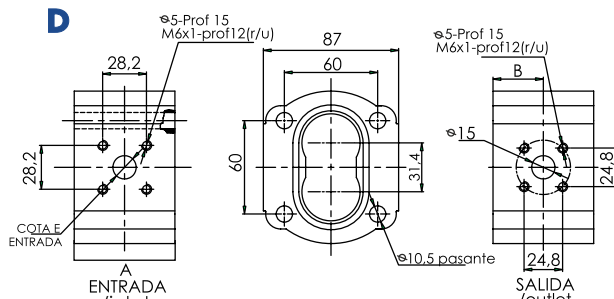
Rendimiento Mecánico/ Mechanical efficiency: 97% a 200 BAR

Rendimiento Total/ Total efficiency: 93 %

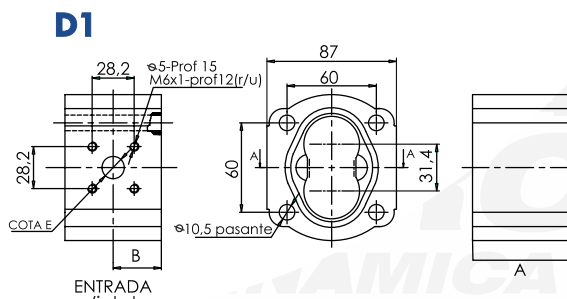


L/min	4	8	11	16	22	32	38	45
A(mm)	3	6,6	9,1	13,2	18,2	26,6	31,6	37

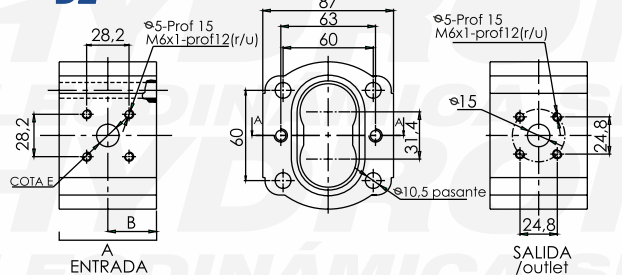


F21**F30****J****J1****J2****J3****J19****J20****J21****J40****CUERPOS/ bodies****D**

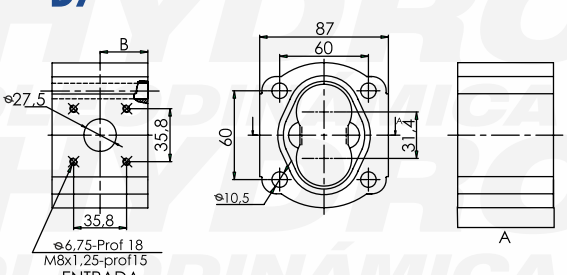
L/MIN	B	Entrad
08	22,4	15
11	23,6	15
16	25,6	20
22	29	20
32	30	20
38	30	22
45	37,5	22

D1

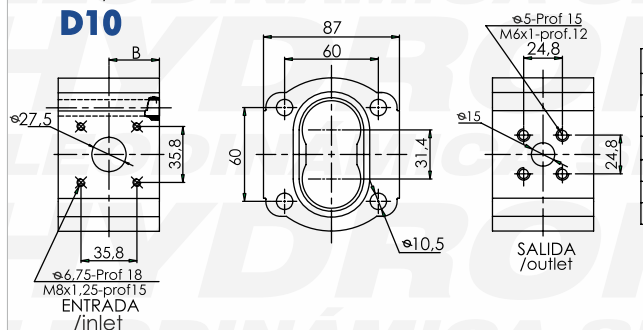
L/MIN	B	Entrad
08	22,4	15
11	23,6	15
16	25,6	20
22	30	20
32	30	20
38	30	22
45	37,5	22

D2

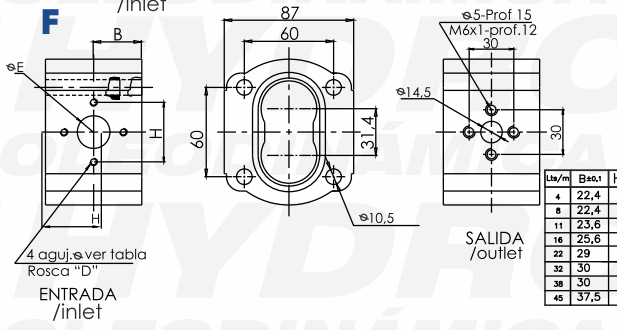
L/MIN	B	Entrad
08	22,4	15
11	23,6	15
16	25,6	20
22	30	20
32	30	20
38	30	22
45	37,5	22

D7

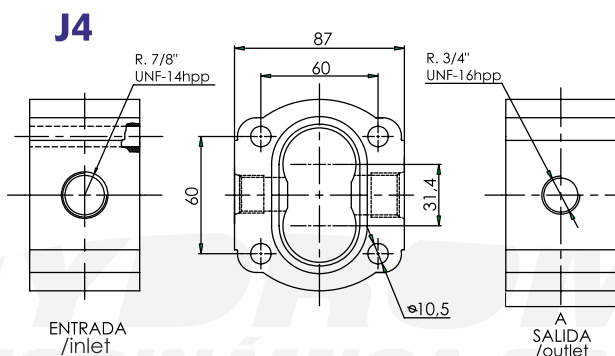
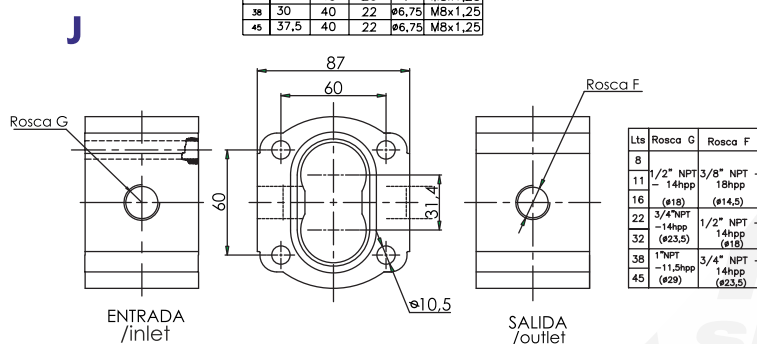
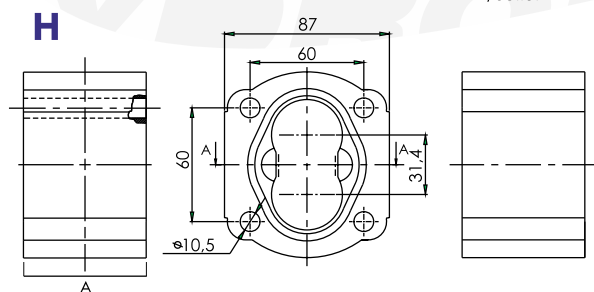
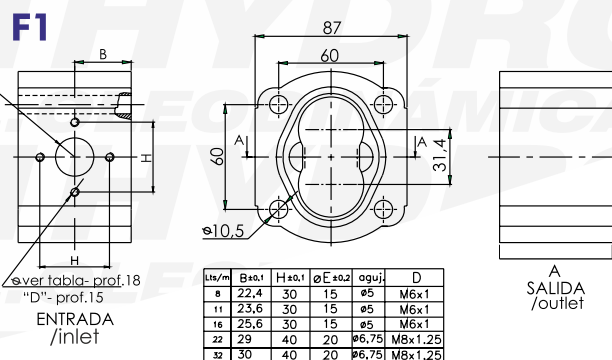
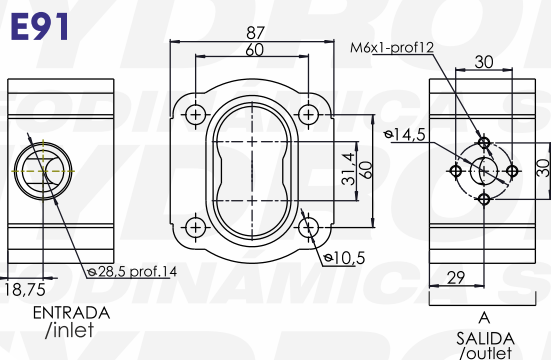
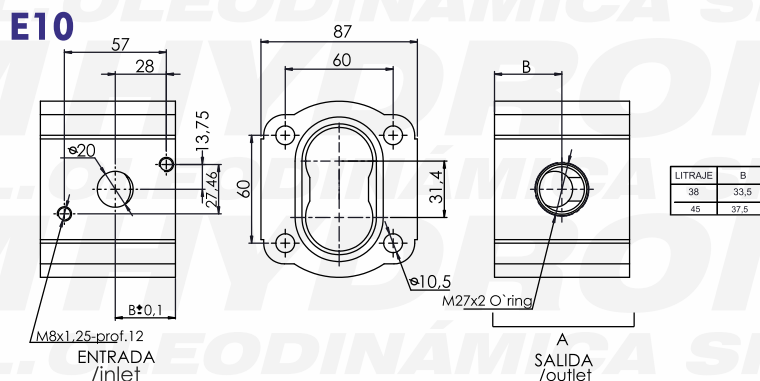
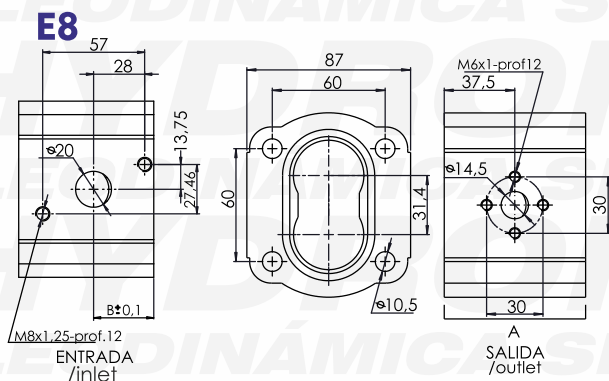
L/MIN	B	Entrad
08	22,4	15
11	23,6	15
16	25,6	20
22	30	20
32	30	20
38	30	22
45	37,5	22

D10

Lts/m	B
8	22,4
11	23,6
16	25,6
22	30
32	30
38	30
45	37,5

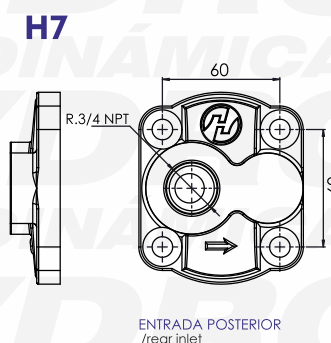
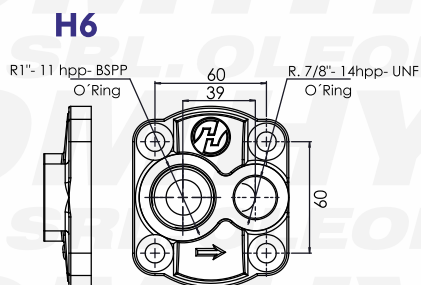
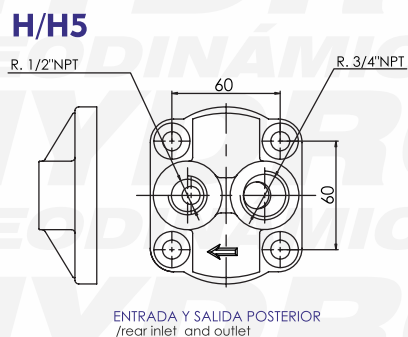
F

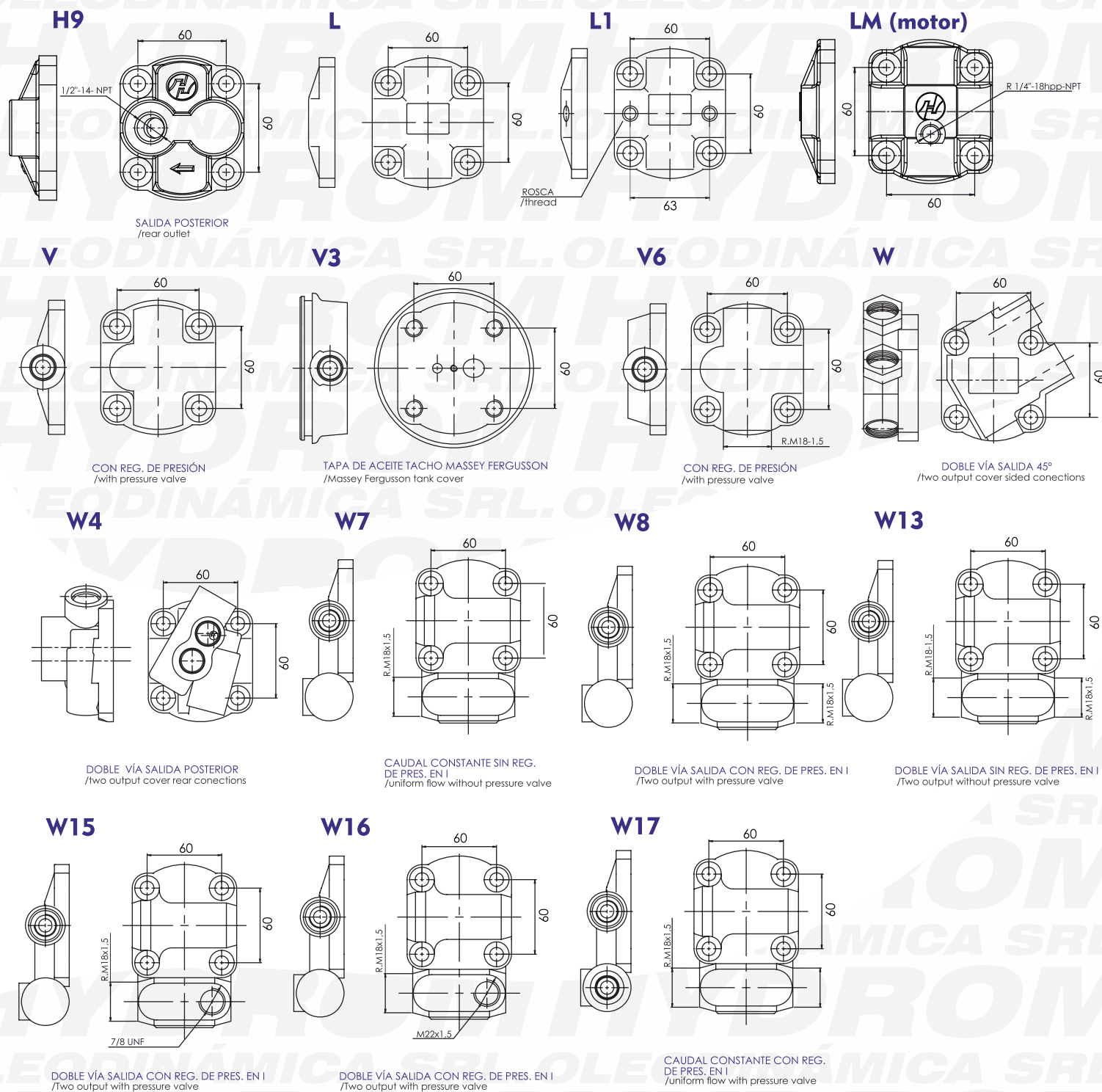
Lts/m	B	H	ØE	Agujeros	D
8	22,4	30	14,5	Ø5	M6x1 Prof 12
11	23,6	30	14,5	Ø5	Prof 15
16	25,6	30	14,5	Ø5	Prof 15
22	30	40	20	Ø6,75	M8x1.25 Prof 15
32	30	40	20	Ø6,75	Prof 18
38	30	40	22	Ø6,75	Prof 18
45	37,5	40	22	Ø6,75	Prof 18



L/min	4	8	11	16	22	32	38	45
A(mm)	42,1	44,7	47,2	51,3	56,3	64,2	69,7	75,1

TAPAS/ Rear Covers





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