

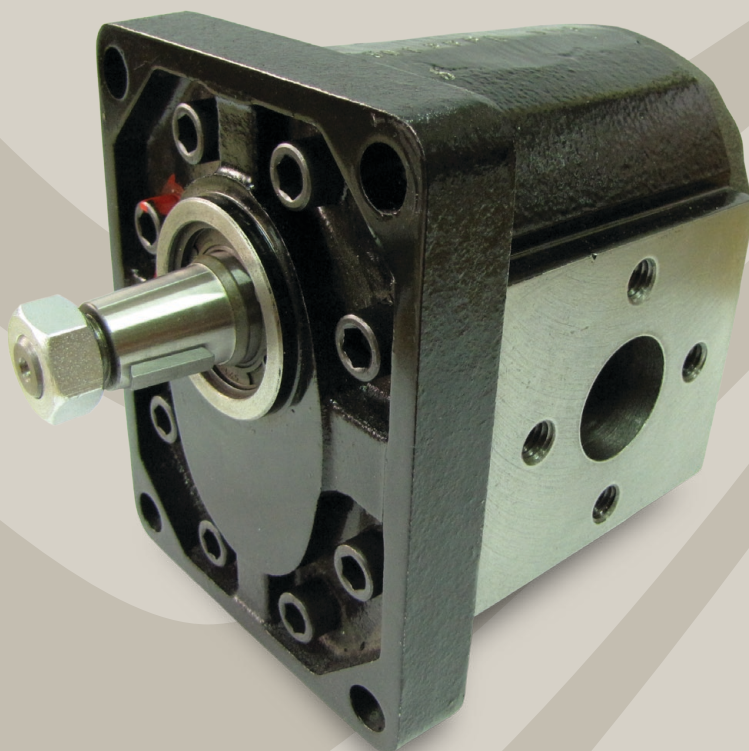
BOMBAS A ENGRANAJE / gear pumps

grupo 2: G2B, G2C

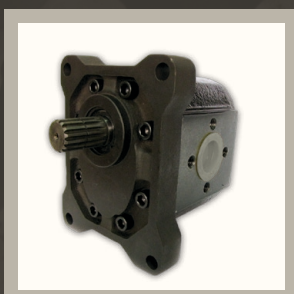


L/MIN (@ 2000 RPM)

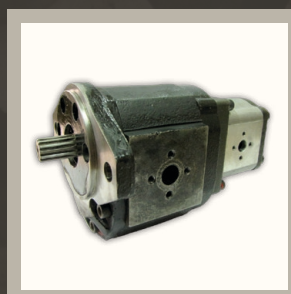
G2B	52
	60
	75
	90
G2C	107
	123
	135



G2B



G2C

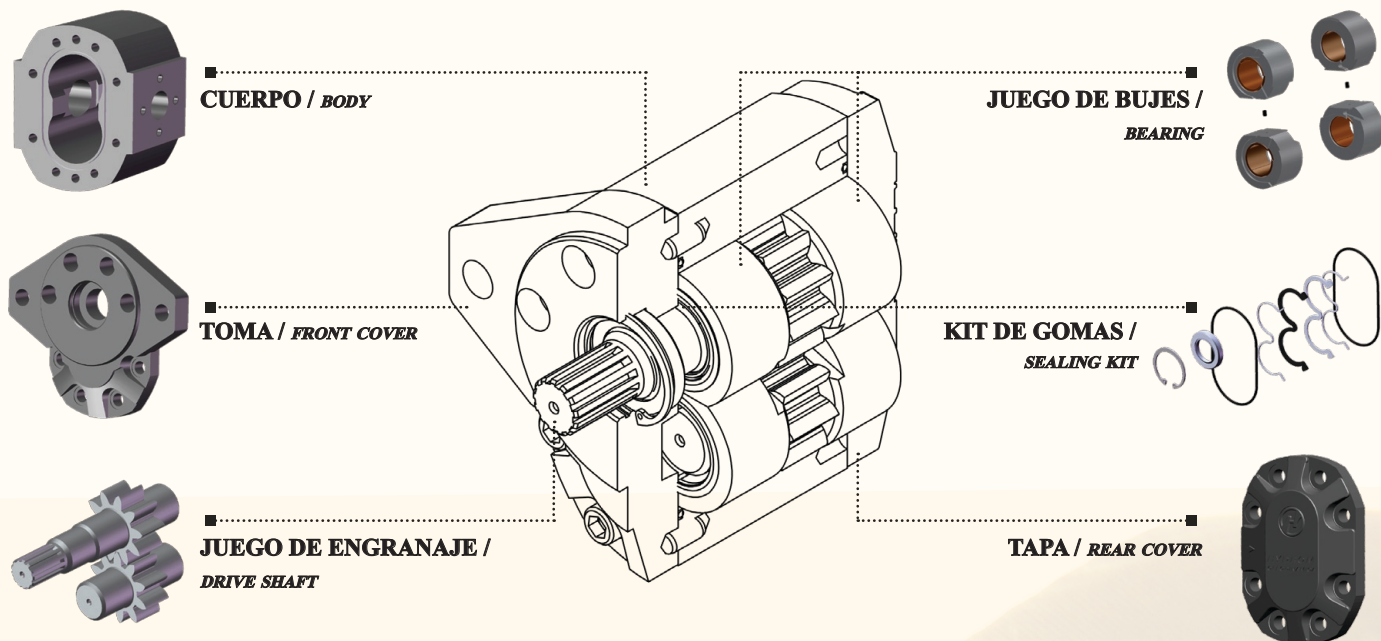


tandem



REPRESENTACIÓN ESQUEMÁTICA

SCHEMATIC REPRESENTATION



CODIGO DE PEDIDO / ORDER CODE

EJEMPLO G2B D 52 E J F1 W 75/120 EXAMPLE

grupo de bomba / pump series
sentido de giro (D-derecho I-izquierdo) / direction of rotation (D-right I-left)
caudal erogado (l/min @2000rpm) / size (flow, l/m @2000rpm)
tipo de eje de mando / drive shaft type
caudal l/min y presión en la salida primaria (si corresponde) / flow l/min and primary pressure (if corresponds)
tipo de tapa posterior / rear cover type
tipo de cuerpo / body type
tipo de toma / front cover type

CARACTERÍSTICAS / CHARACTERISTICS

CARACTERÍSTICAS / CHARACTERISTICS	VOLUMEN GEOMÉTRICO / GEOMETRIC VOLUME CM ³ /REV						
	G2B				G2C		
	26	30	37,5	45	53,5	61,5	67,5
Caudal, l/min (@2000 RPM) / Flow, l/min (@2000 RPM)	52	60	75	90	107	123	135
Presión máx. continua (BAR) / Max. continuous pressure (BAR)	180	180	170	170	160	150	140
Presión máx. intermitente (10% de c/min) / Max. intermittent pressure (10% of each minute)	210	210	190	190	180	170	160
RPM máx. a presión continua / Max. RPM at continuous pressure	2500	2400	2300	2200	2100	2000	2000
RPM máx. / Max. RPM	2500	2500	2500	2500	2500	2500	2500
RPM mín. a presión 100 BAR / Min. RPM at 100 BAR pressure	500	500	500	500	500	500	500
RPM mín. a presión 120 BAR / Min. RPM at 120 BAR pressure	600	600	600	600	600	600	600
RPM mín. a presión mayor a 140 BAR / Min RPM at pressure higher than 140 BAR	600	600	600	600	750	750	750

Presión de aspiración máx.: 1,5 BAR
Max. inlet pressure

Presión de aspiración negativa: 0,25 BAR
Negative inlet pressure

Temperatura del aceite: -15°C a 75°C
Oil temperature

Aceite: Tipo HYD 68 (ISO 68 ANP 1377)
Oil type

Viscosidad mín. a t° de trabajo: 23 Cst.
Min. viscosity at working t°

Viscosidad mín. admisible al inicio: 20 Cst.
Min. admissible starting viscosity

Viscosidad normal a t° de trabajo: 38-76 Cst.
Normal viscosity at working t°

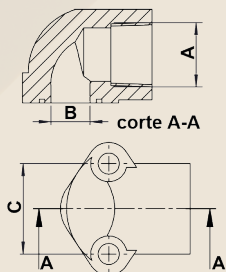
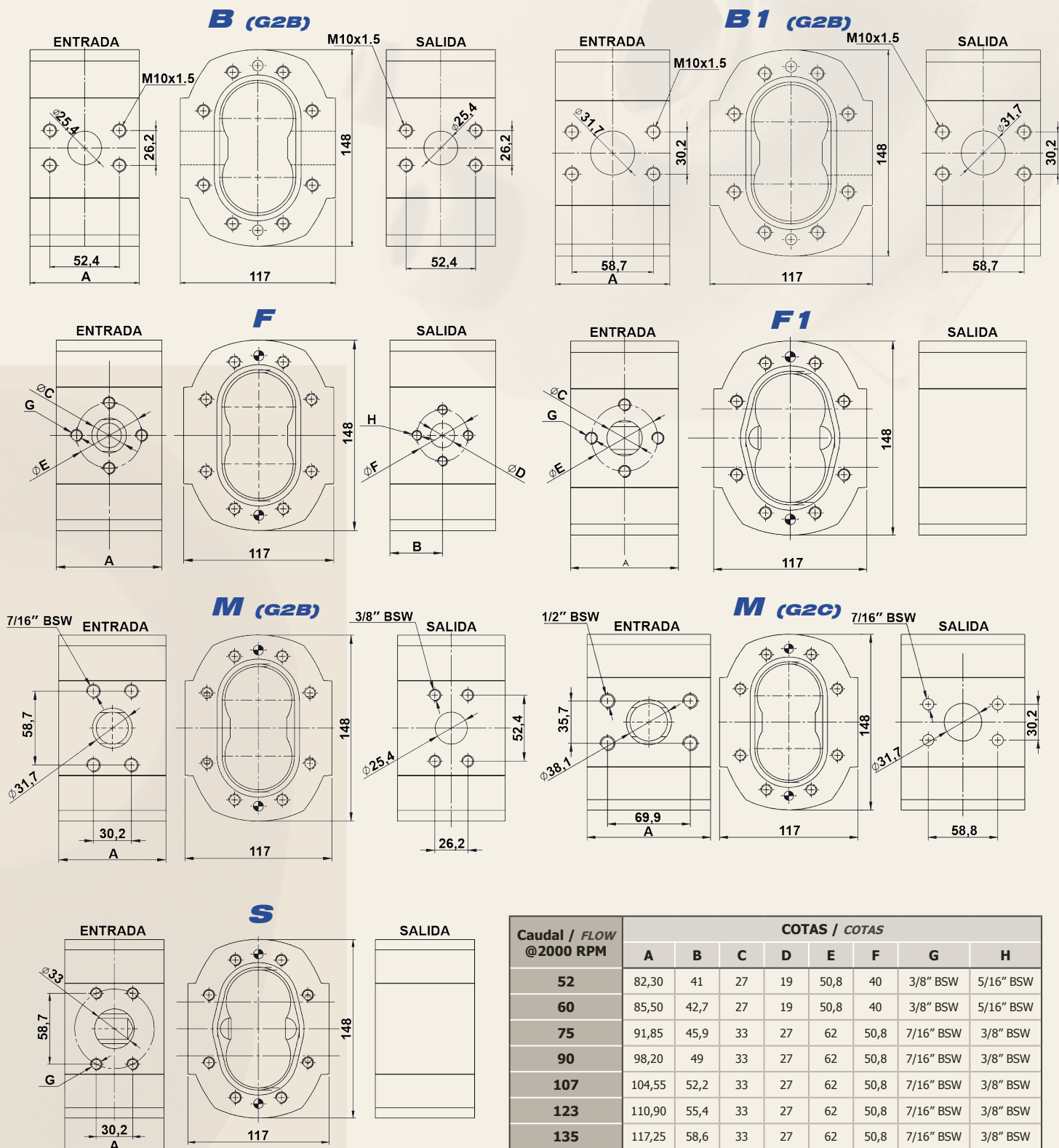
Nivel de limpieza del aceite: 19/17/14 x ml (ISO 4406)
Oil purity level

Rendimiento volumétrico*: 95,5% a 20 BAR
Volumetric efficiency 93% a 200 BAR

Rendimiento mecánico*: 92,5% a 150 BAR
Mechanical efficiency

Rendimiento total*: 86% a 140 BAR
Total efficiency

* con aceite viscosidad 32 Cst.
oil viscosity 32 Cst.

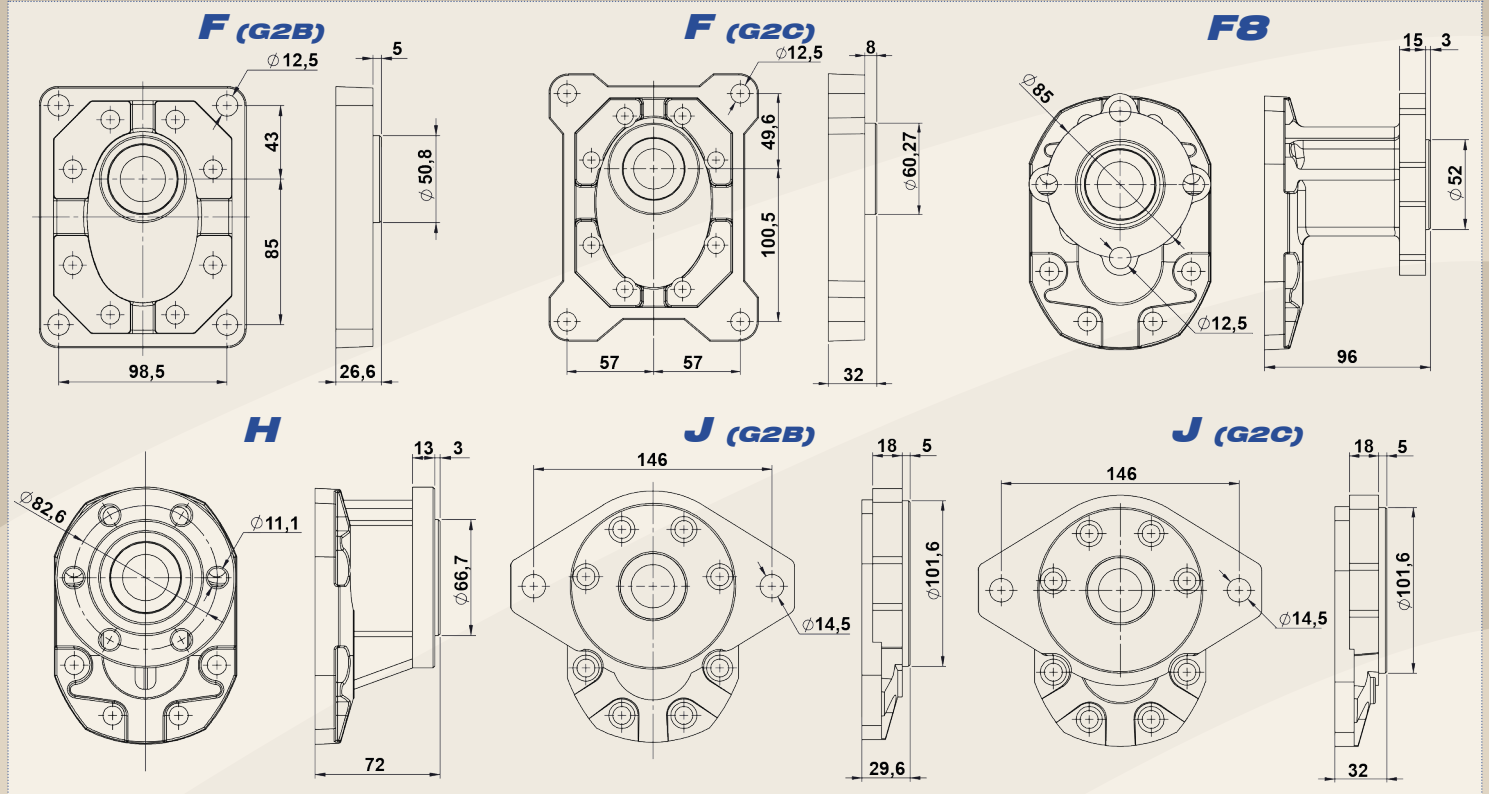


DIMENSIONES / DIMENSIONS

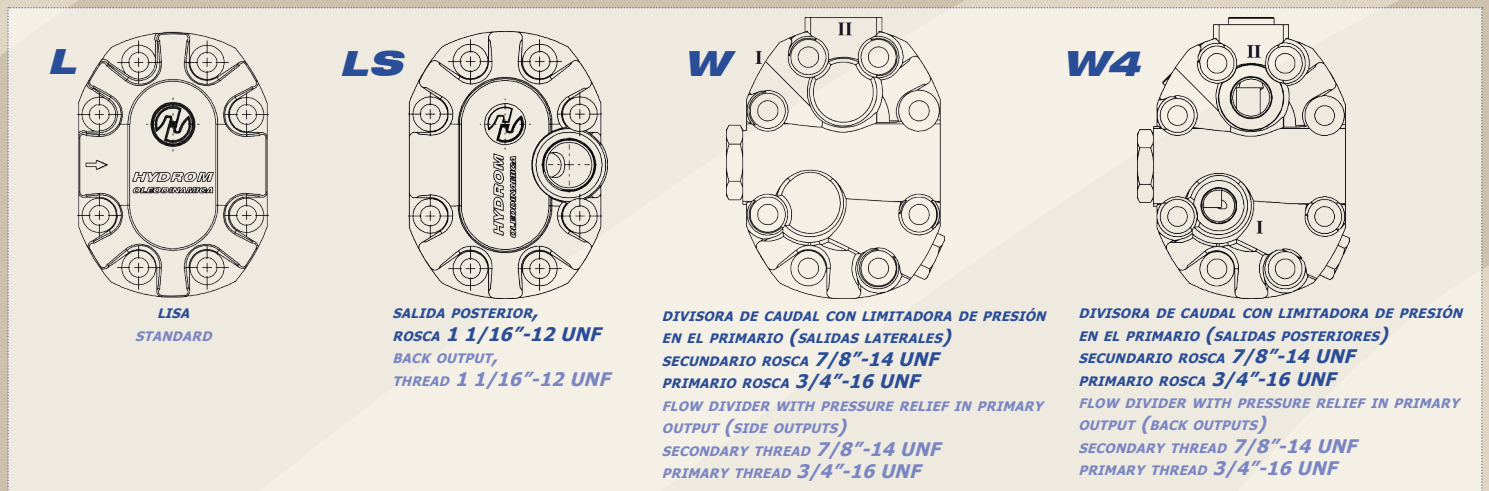
Codigos / CODES	A	B	C
0.001.001.002	3/4" NPT	$\phi 19$	40
0.001.001.007	1" NPT	$\phi 30$	50,8
0.001.001.008	1 1/2" NPT	$\phi 33$	62

Caudal / FLOW	Entrada	Salida
52 a 60 l/min	0.001.001.002	0.001.001.007
75 a 135 l/min	0.001.001.007	0.001.001.008

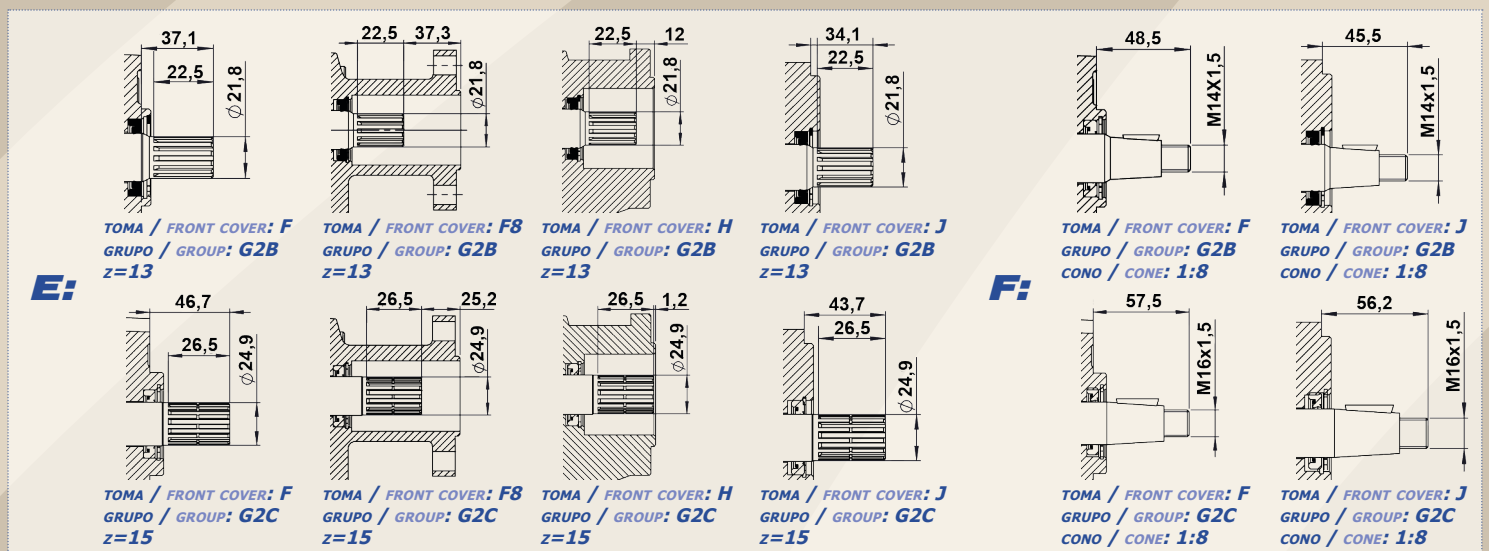
TOMAS / FRONT COVERS



TAPAS / REAR COVERS



ENGRANAJES / DRIVE SHAFTS



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