HYDRAULIC

GEMMA



PRODUCT CATALOGUE

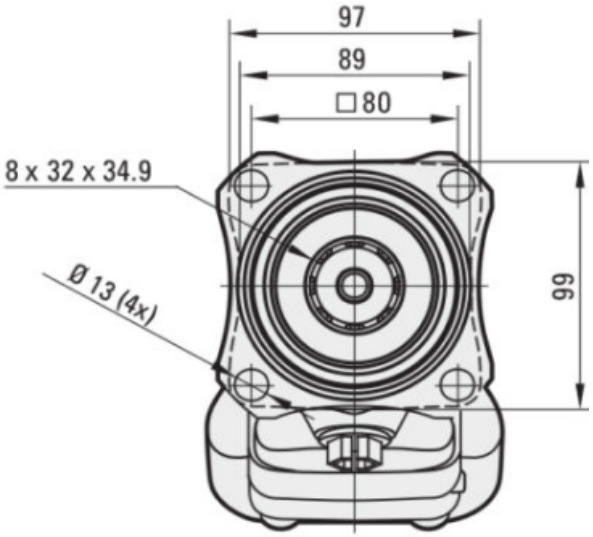
HYDRAULIC MOTOR

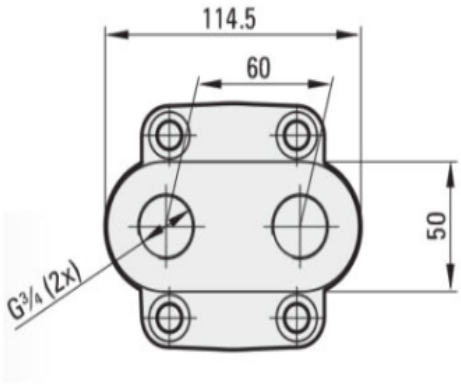
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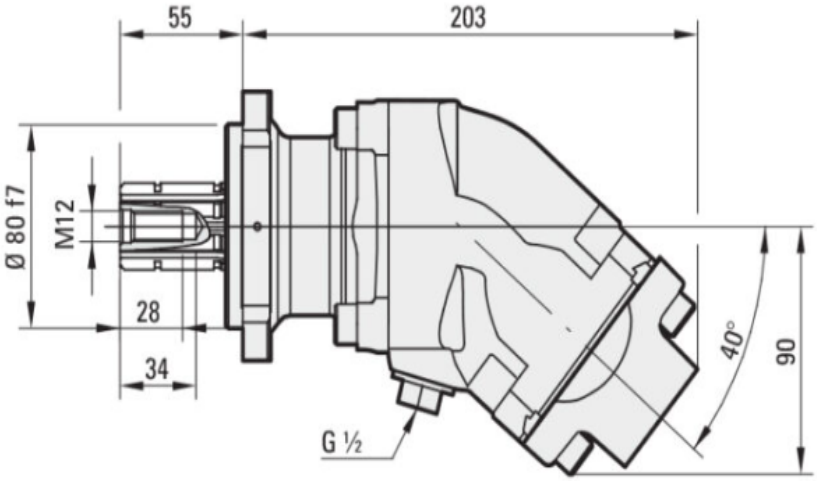
GMHM 012-034 DIN SERIES HYDROMOTORS

GMHM 012-034 DIN Serisi Hidromotorlar









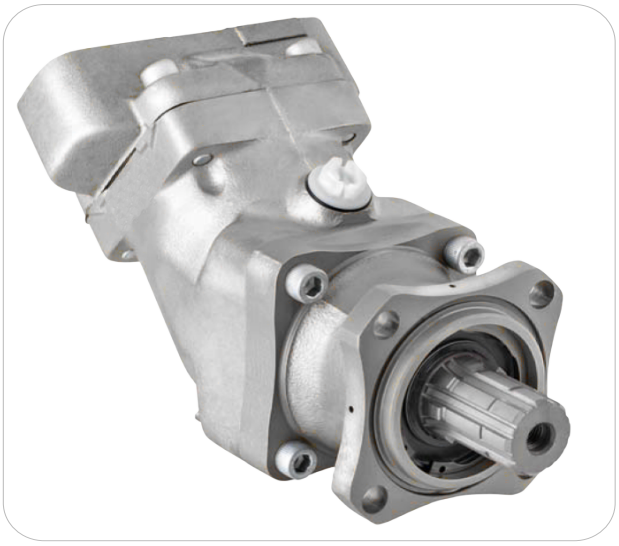
GMHM 012-034 DIN	012	017	025	034
Displacement (cm³/rev)	12.6	17.0	25.4	34.2
M0perating pressure				
max intermittent (bar)	400	400	400	400
max continuous (bar)	350	350	350	350
Revolutions				
max intermittent (rev/min)	3000	3000	3000	3000
max continuous (rev/min)	2400	2400	2400	2400
min continuous (rev/min)	300	300	300	300
Power				
max intermittent (kW)	18	24	36	49
max contiuous (kW)	14	19	29	39
Starting torque theoretical value (Nm/bar)	0.2	0.27	0.4	0.54
Moment of inertia (x 10 $^{-3}$) (kg m2)	0.9	0.9	1.1	1.1
Max intermittent housing pressure (bar)	5.0	5.0	5.0	5.0
Weight (kg)	8.4	8.4	8.6	8.6

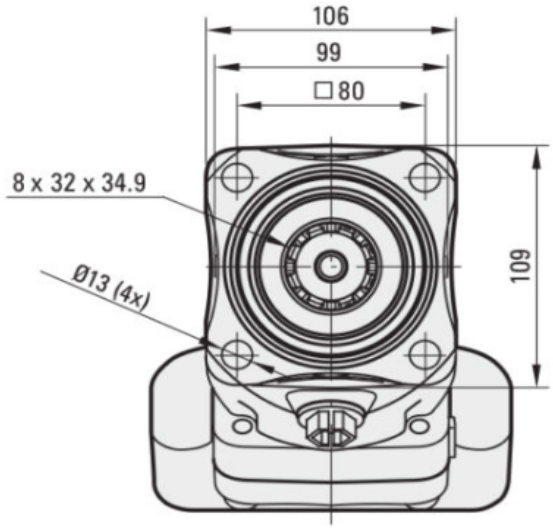
Seçeceğiniz pompanın dönüş yönü, P.T.O. dönüş yönü ile ters olmalıdır.
The rotation of the choosen pump has to be opposite to the rotation of P.T.O.

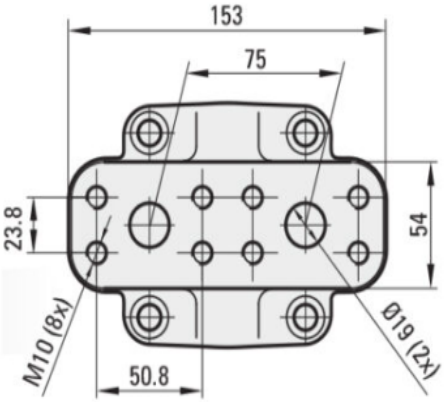
P.T.O. montaj edildikten sonra ana şanzıman yağını tamamlayın.
Fill the oil of the gear box after mounting the P.T.O.

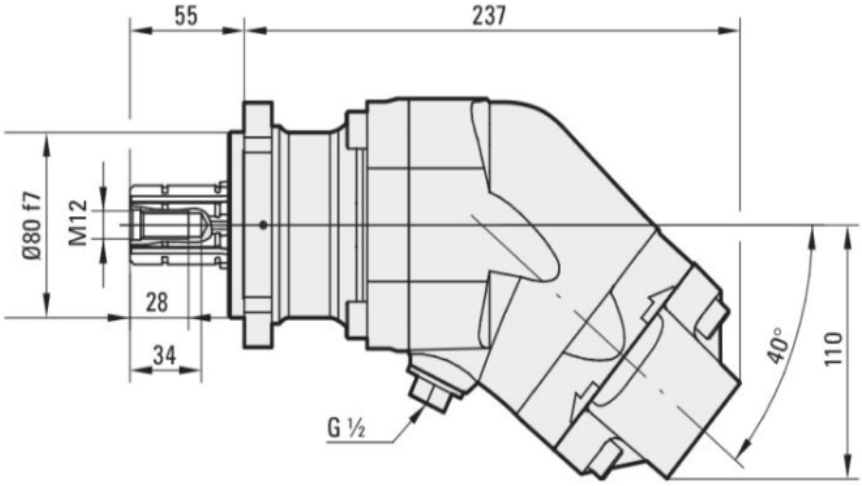
GMHM 040-064 DIN SERIES HYDROMOTORS

GMHM 040-064 DIN Serisi Hidromotorlar









GMHM 040-064 DIN	040	047	056	064
Displacement (cm³/rev)	41.2	47.1	56.7	63.5
M0perating pressure				
max intermittent (bar)	400	400	400	400
max continuous (bar)	350	350	350	350
Revolutions				
max intermittent (rev/min)	2500	2500	2500	2500
max continuous (rev/min)	2000	2000	2000	2000
min continuous (rev/min)	300	300	300	300
Power				
max intermittent (kW)	57	65	78	88
max contiuous (kW)	46	52	62	70
Starting torque theoretical value (Nm/bar)	0.66	0.75	0.89	1.0
Moment of inertia (x 10^{-3}) (kg m2)	2.6	2.6	2.6	2.6
Max intermittent housing pressure (bar)	5.0	5.0	5.0	5.0
Weight (kg)	13.0	13.0	13.0	13.0

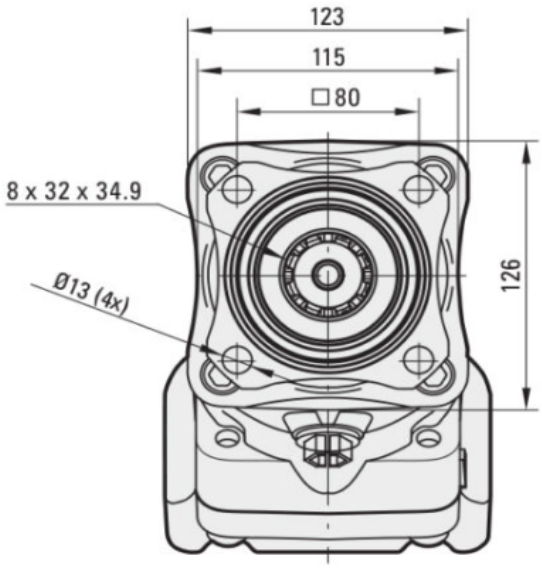
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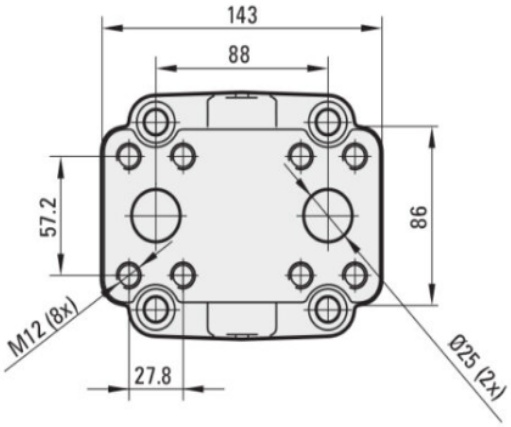
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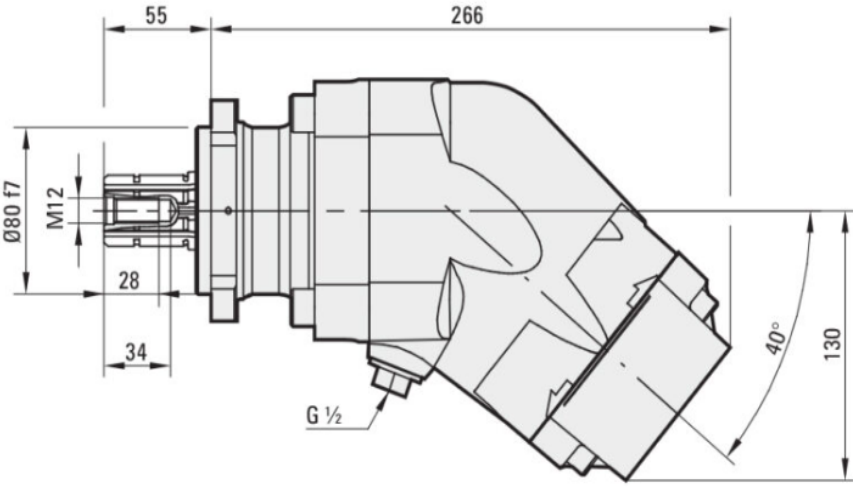
GMHM 084-130 DIN SERIES HYDROMOTORS

GMHM 084-130 DIN Serisi Hidromotorlar









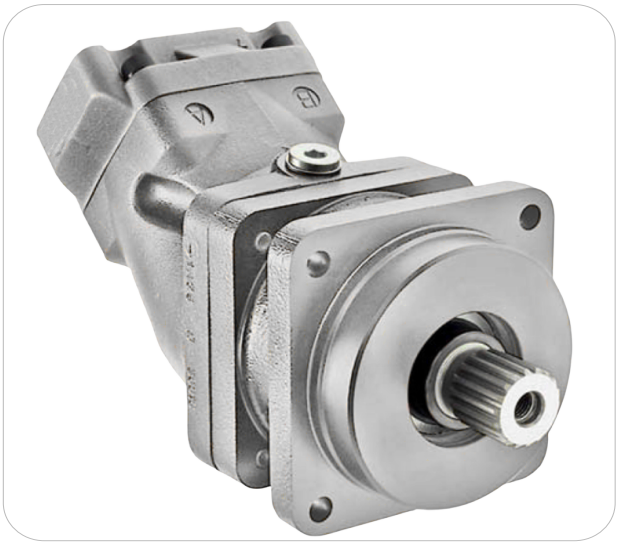
GMHM 084-130 DIN	084	108	130
Displacement (cm³/rev)	83.6	108.0	130.0
M0perating pressure			
max intermittent (bar)	400	400	330
max continuous (bar)	350	350	280
Revolutions			
max intermittent (rev/min)	2000	2000	2000
max continuous (rev/min)	1600	1600	1600
min continuous (rev/min)	300	300	300
Power			
max intermittent (kW)	93	120	124
max contiuous (kW)	74	96	99
Starting torque theoretical value (Nm/bar)	1.33	1.72	2.07
Moment of inertia (x 10 $^{-3}$) (kg m2)	7.4	7.4	7.4
Max intermittent housing pressure (bar)	5.0	5.0	5.0
Weight (kg)	18.2	18.2	18.2

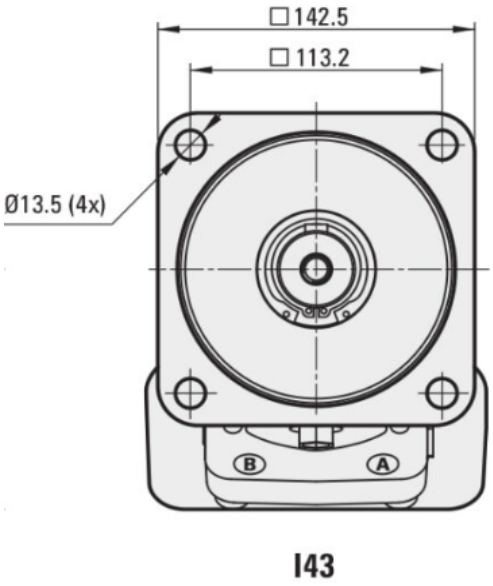
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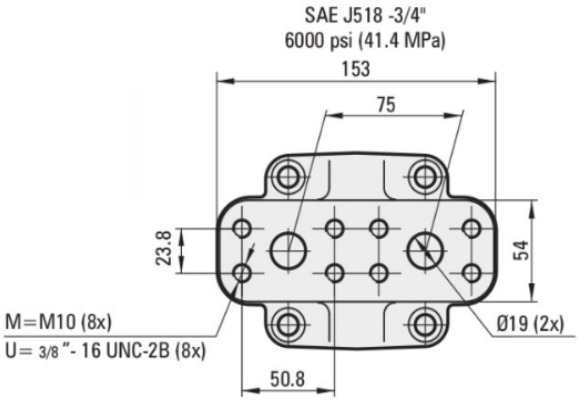
GMHM 012-034 ISO SERIES HYDROMOTORS

GMHM 012-034 DIN Serisi Hidromotorlar

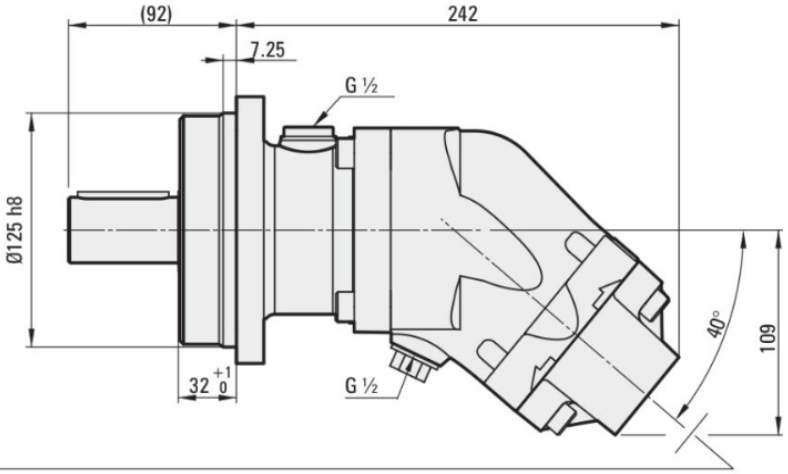




I43



S2



GMHM 012-034 ISO	012	017	025	034
Displacement (cm³/rev)	12.6	17.0	25.4	34.2
M0perating pressure				
max intermittent (bar)	400	400	400	400
max continuous (bar)	350	350	350	350
Revolutions				
max intermittent (rpm)	8800	8800	7000	7000
max continuous (rpm)	8000	8000	6300	6300
min continuous (rpm)	300	300	300	300
Power				
max intermittent (kW)	54	74	86	155
max contiuous (kW)	20	25	40	55
Starting torque theoretical value (Nm/bar)	0.2	0.27	0.4	0.54
Mass moment of inertia (x 10 $^{-3}$) (kg m²)	0.9	0.9	1.1	1.1
Weight (kg)	8.5	8.5	9.5	9.5

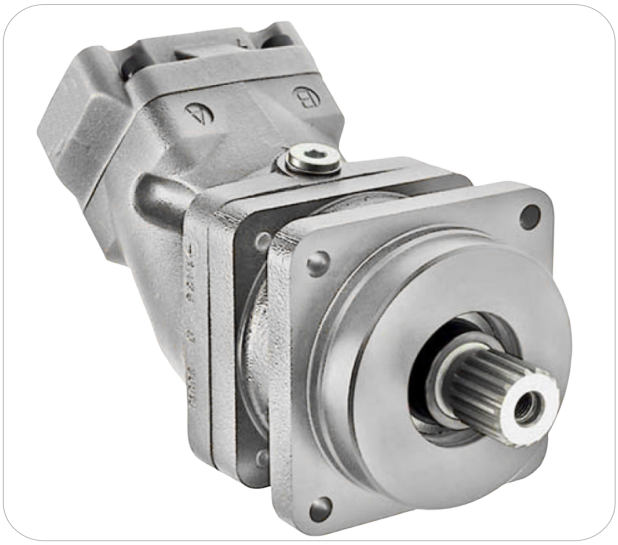
Choice of staft seal Motor SCM		Temp.	Max. housing pressure bar at rpm								
	Code	(°C)	1000	2000	3000	4000	5000	6000	7000	8000	9000
012-034	N	75	5.5	2.7	1.8	1.4	1.1	0.9	0.8	0.7	0.6
	H	75	24.6	12.3	8.2	6.1	4.9	4.1	3.5	3.1	2.7
	V	90	55	2.7	1.8	1.4	1.1	0.9	0.8	0.7	0.6

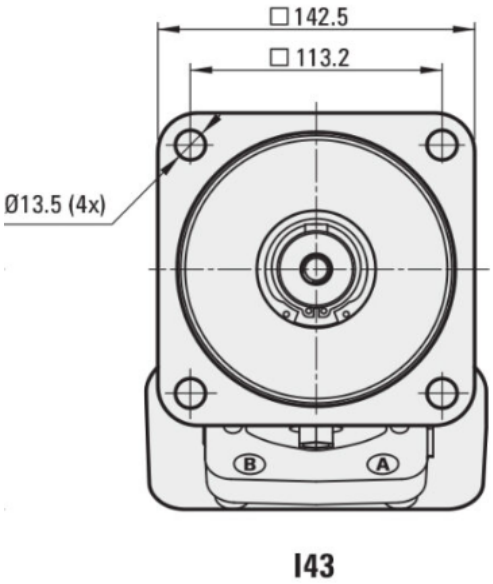
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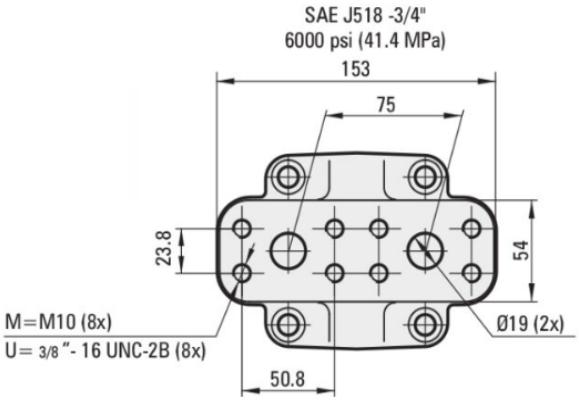
GMHM 040-064 ISO SERIES HYDROMOTORS

GMHM 040-064 ISO Serisi Hidromotorlar

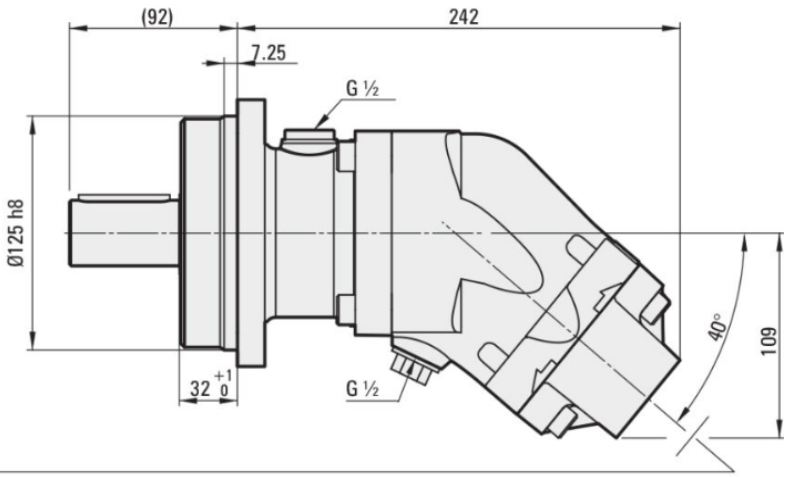




I43



S2



GMHM 040-064 ISO	040	047	056	064
Displacement (cm³/rev)	41.2	47.1	56.7	63.5
M0perating pressure				
max intermittent (bar)	400	400	400	400
max continuous (bar)	350	350	350	350
Revolutions				
max intermittent (rpm)	6300	6300	6300	6300
max continuous (rpm)	5700	5700	5700	5700
min continuous (rpm)	300	300	300	300
Power				
max intermittent (kW)	125	145	175	195
max contiuous (kW)	60	65	80	90
Starting torque theoretical value (Nm/bar)	0.66	0.75	0.89	1.0
Mass moment of inertia (x 10 $^{-3}$) (kg m²)	2.6	2.6	2.6	2.6
Weight (kg)	16.5	16.5	16.5	16.5

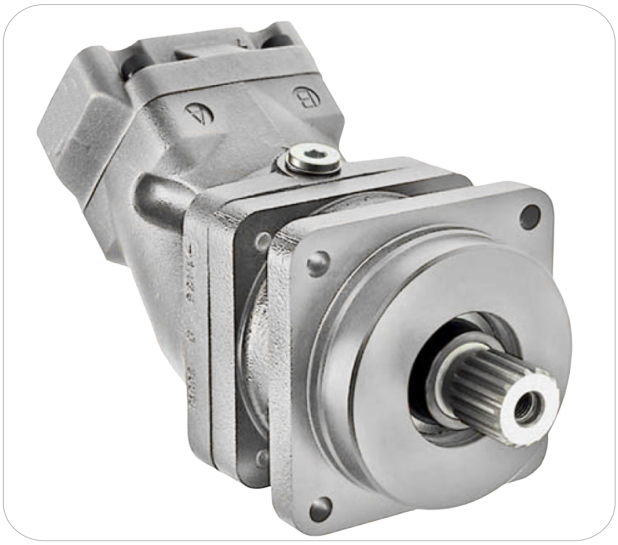
Choice of staft seal Motor SCM	Code	Temp. (°C)	Max. housing pressure bar at rpm 1000	2000	3000	4000	5000	6000	7000	8000	9000
040-064	N	75	5.5	2.7	1.8	1.4	1.1	0.9	0.8		
	H	75	24.6	12.3	8.2	6.1	4.9	4.1	3.5		
	V	90	55	2.7	1.8	1.4	1.1	0.9	0.8		

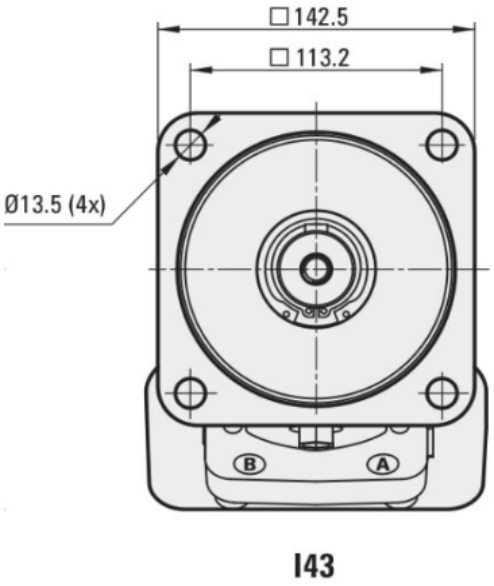
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P.T.O. montaj edildikten sonra ana şanzıman yağını tamamlayın.
Fill the oil of the gear box after mounting the P.T.O.

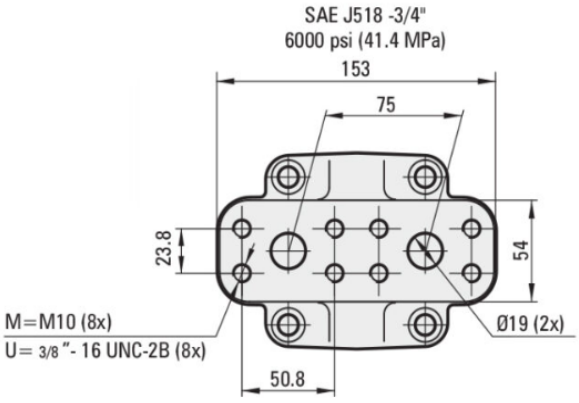
GMHM 084-130 ISO SERIES HYDROMOTORS

GMHM 084-130 ISO Serisi Hidromotorlar

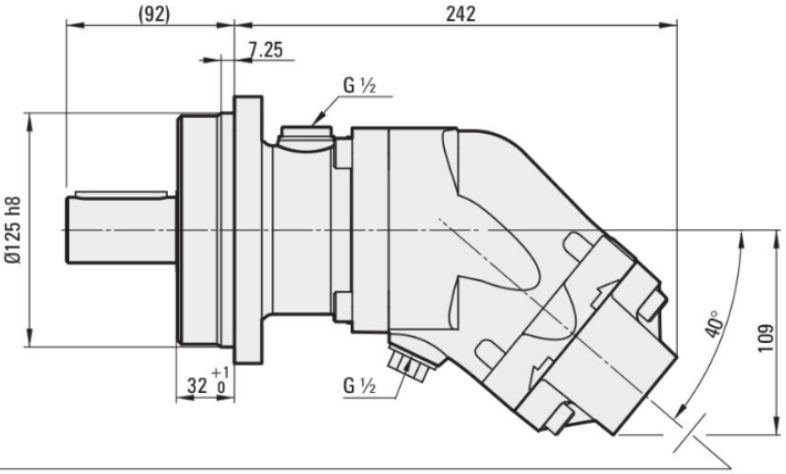




I43



S2



GMHM 084-130 ISO	084	090	108	130
Displacement (cm³/rev)	83.6	90.7	108.0	130.0
M0perating pressure				
max intermittent (bar)	400	400	400	350
max continuous (bar)	350	350	350	300
Revolutions				
max intermittent (rpm)	5200	5200	5200	5200
max continuous (rpm)	4700	4700	4700	4700
min continuous (rpm)	300	300	300	300
Power				
max intermittent (kW)	215	230	275	285
max contiuous (kW)	100	110	130	135
Starting torque theoretical value (Nm/bar)	1.33	1.44	1.71	2.05
Mass moment of inertia (x 10 $^{-3}$) (kg m²)	7.4	7.4	7.4	7.4
Weight (kg)	28.0	28.0	30.5	30.5

Choice of staft seal		Temp.	Max. housing pressure bar at rpm								
Motor SCM	Code	(°C)	1000	2000	3000	4000	5000	6000	7000	8000	9000
084-130	N	75	3.8	1.9	1.3	1.0	0.8	0.6			
	H	75	17.2	8.6	5.7	4.3	3.4	2.9			
	V	90	3.8	1.9	1.3	1.0	0.8	0.6			

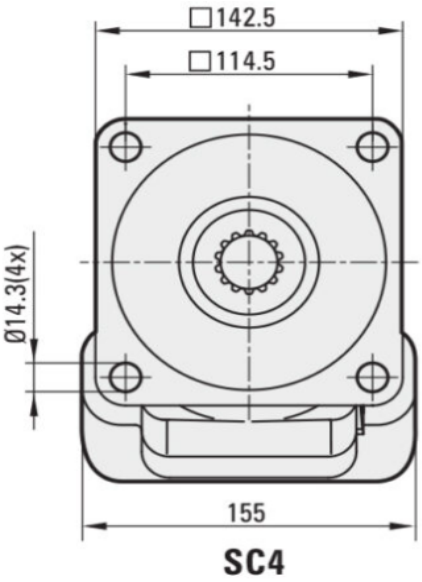
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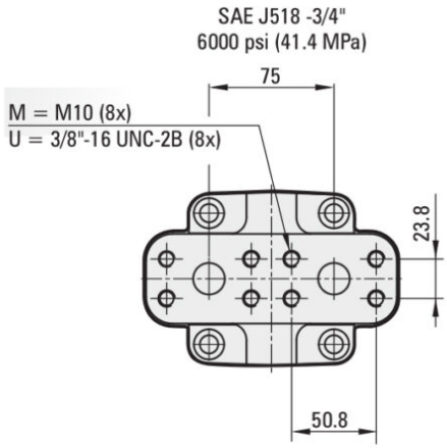
P.T.O. montaj edildikten sonra ana şanzıman yağını tamamlayın.
Fill the oil of the gear box after mounting the P.T.O.

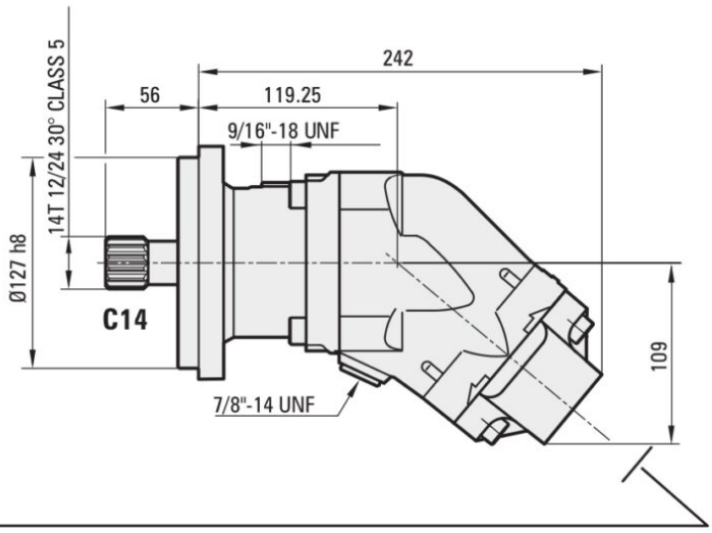
GMHM 012-034 SAE B SERIES HYDROMOTORS

GMHM 012-034 SAE B Serisi Hidromotorlar









GMHM 012-034 SAE B	012 SAE B	017 SAE B	025 SAE B	034 SAE B
Displacement (cm3/rev.)	12.6	17.0	25.4	34.2
M0perating pressure				
max intermittent (Bar)	400	400	400	400
max continuous (Bar)	350	350	350	350
Revolutions				
max intermittent (rpm)	8250	8250	6500	6500
max continuous (rpm)	7500	7500	5900	5900
min continuous (rpm)	300	300	300	300
Power				
max intermittent (kW)	50	70	80	110
max contiuous (kW)	20	25	40	55
Starting torque theoretical value (Nm/bar)	0.2	0.27	0.40	0.54
Mass Moment of inertia (x 10 $^{-3}$) (kg m²)	0.9	0.9	1.1	1.1
Weight (kg)	9.0	9.0	9.0	9.0

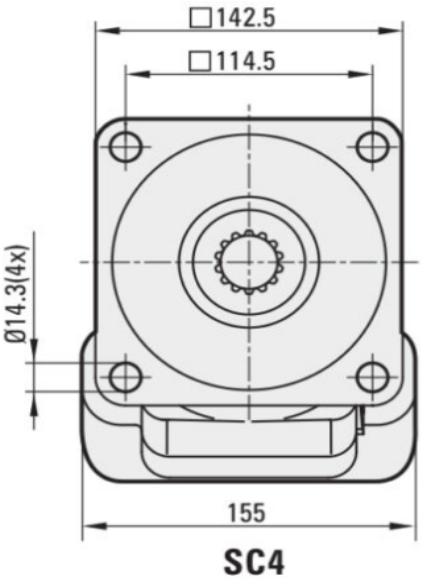
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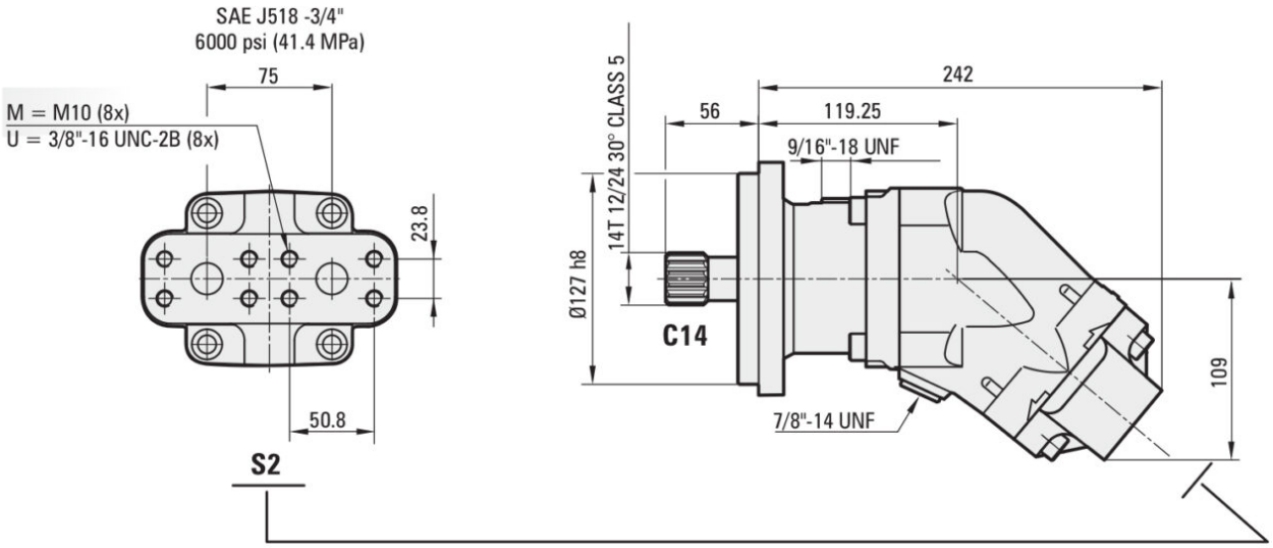
P.T.O. montaj edildikten sonra ana şanzıman yağını tamamlayın.
Fill the oil of the gear box after mounting the P.T.O.

GMHM 025-108 SAE C SERIES HYDROMOTORS

GMHM 025-108 SAE C Serisi Hidromotorlar







GMHM 025-108 SAE C	025 SAE C	034 SAE C	040 SAE C	047 SAE C	056 SAE C	064 SAE C	084 SAE C	090 SAE C	108 SAE C
Displacement (cm3/rev.)	25.4	34.2	41.2	47.1	56.7	63.5	83.6	90.7	108.0
M0perating pressure									
max intermittent (Bar)	400	400	400	400	400	400	400	400	400
max continuous (Bar)	350	350	350	350	350	350	350	350	350
Revolutions									
max intermittent (rpm)	6500	6500	5900	5900	5900	5900	4800	4800	4800
max continuous (rpm)	5900	5900	5300	5300	5300	5300	4400	4400	4400
min continuous (rpm)	300	300	300	300	300	300	300	300	300
Power									
max intermittent (kW)	80	110	120	135	165	180	200	215	255
max contiuous (kW)	40	55	60	65	80	90	100	110	130
Starting torque theoretical value (Nm/bar)	0.40	0.40	0.66	0.75	0.89	1.0	1.33	1.44	1.71
Mass Moment of inertia (x 10 $^{-3}$) (kg m²)	1.1	1.1	2.6	2.6	2.6	2.6	6.3	6.3	6.3
Weight (kg)	9.0	9.0	15.0	15.0	15.0	15.0	18.0	18.0	18.0

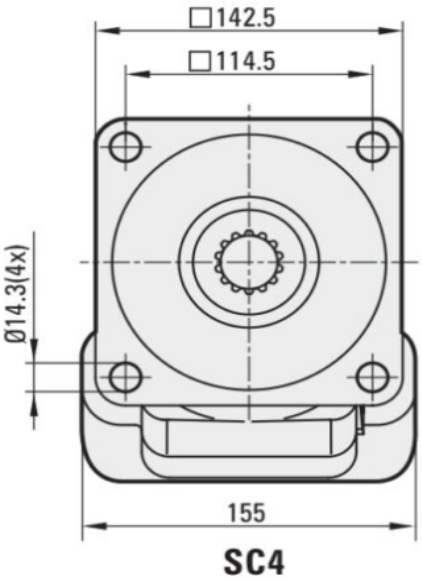
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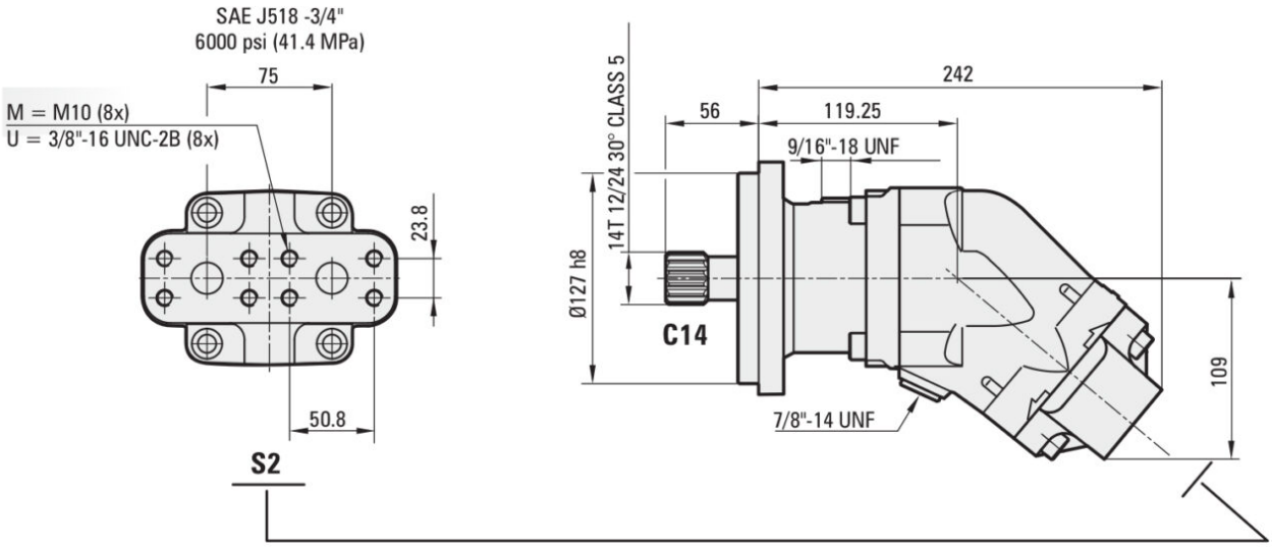
P.T.O. montaj edildikten sonra ana şanzıman yağını tamamlayın.
Fill the oil of the gear box after mounting the P.T.O.

GMHM 084-130 SAE D SERIES HYDROMOTORS

GMHM 084-130 SAE D Serisi Hidromotorlar



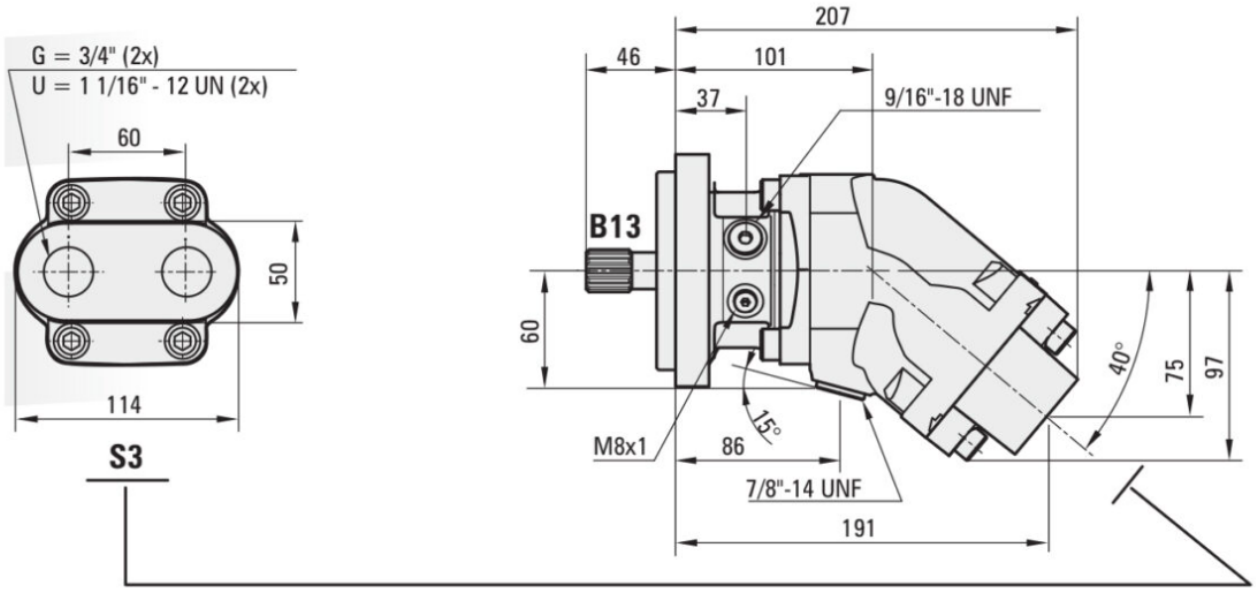


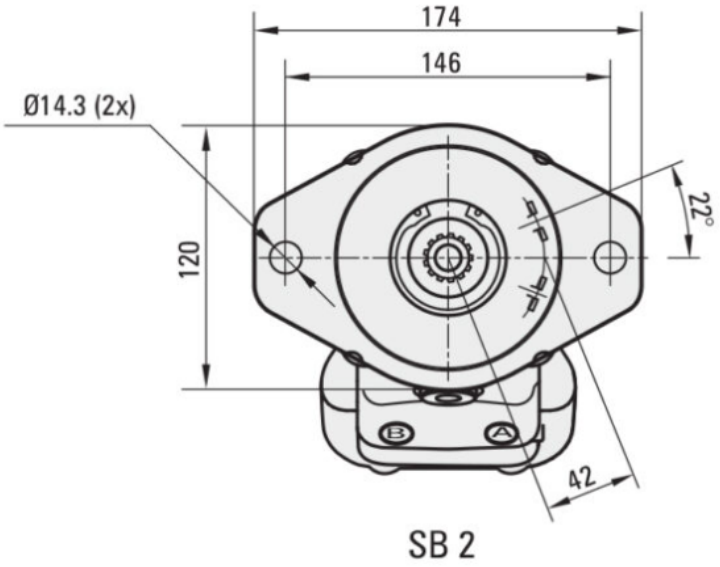


GMHM 084-130 SAE D	084 SAE D	090 SAE D	108 SAE D	130 SAE D
Displacement (cm3/rev.)	83.6	90.7	108.0	130.0
M0perating pressure				
max intermittent (Bar)	400	400	400	350
max continuous (Bar)	350	350	350	300
Revolutions				
max intermittent (rpm)	4600	4600	4600	4600
max continuous (rpm)	4200	4200	4200	4200
min continuous (rpm)	300	300	300	300
Power				
max intermittent (kW)	190	205	245	255
max contiuous (kW)	100	110	130	135
Starting torque theoretical value (Nm/bar)	1.33	1.44	1.71	2.05
Mass Moment of inertia (x 10 $^{-3}$) (kg m²)	7.4	7.4	7.4	7.4
Weight (kg)	35.0	5.0	35.0	35.0

Seçeceğiniz pompanın dönüş yönü, P.T.O. dönüş yönü ile ters olmalıdır.
The rotation of the choosen pump has to be opposite to the rotation of P.T.O.

P.T.O. montaj edildikten sonra ana şanzıman yağını tamamlayın.
Fill the oil of the gear box after mounting the P.T.O.





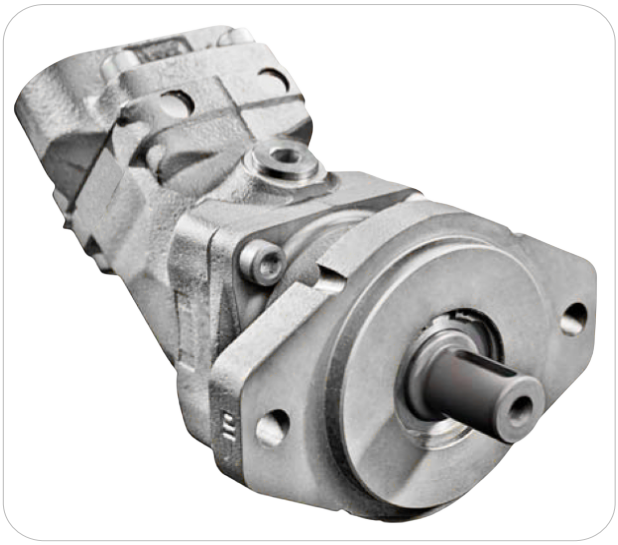
Choice of staft seal		Temp.	Max. housing pressure bar at rpm				
Motor SCM	**Code**	**(°C)**	**1000**	**2000**	**3000**	**4000**	**5000**
012-034 B	N	75	5.5	2.7	1.8	1.4	1.1
	H	75	24.6	12.3	8.2	6.1	4.9
	V	90	55	2.7	1.8	1.4	1.1
040-108 C	N	75	5.5	2.7	1.8	1.4	1.1
	H	75	24.6	12.3	8.2	6.1	4.9
	V	90	55	2.7	1.8	1.4	1.1
084-130 D	N	75	3.5	1.7	1.2		
	H	75	15.6	7.8	5.2		
	V	90	3.5	1.7	1.2		

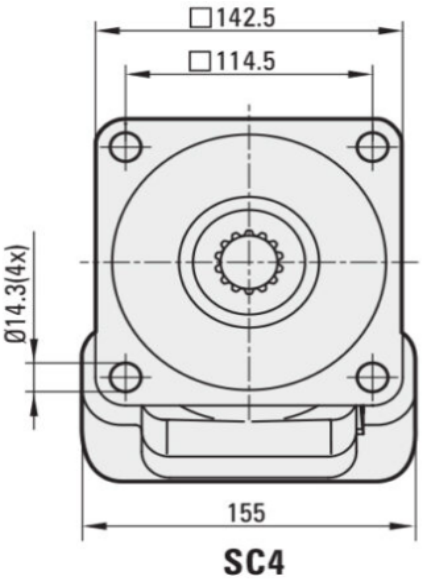
Seçeceğiniz pompanın dönüş yönü, P.T.O. dönüş yönü ile ters olmalıdır.
The rotation of the choosen pump has to be opposite to the rotation of P.T.O.

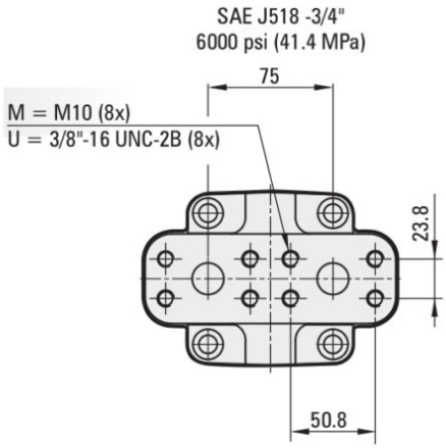
P.T.O. montaj edildikten sonra ana şanzıman yağını tamamlayın.
Fill the oil of the gear box after mounting the P.T.O.

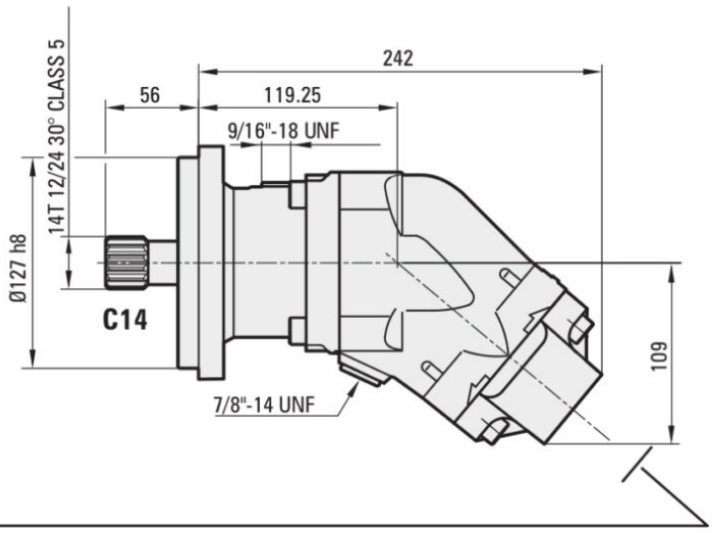
GMHM 012-034 SAE B2 SERIES HYDROMOTORS

GMHM 012-034 SAE B2 Serisi Hidromotorlar









GMHM 012-034 SAE B	012 SAE B	017 SAE B	025 SAE B	034 SAE B
Displacement (cm3/rev.)	12.6	17.0	25.4	34.2
M0perating pressure				
max intermittent (Bar)	400	400	400	400
max continuous (Bar)	350	350	350	350
Revolutions				
max intermittent (rpm)	8250	8250	6500	6500
max continuous (rpm)	7500	7500	5900	5900
min continuous (rpm)	300	300	300	300
Power				
max intermittent (kW)	50	70	80	110
max contiuous (kW)	20	25	40	55
Starting torque theoretical value (Nm/bar)	0.2	0.27	0.40	0.54
Mass Moment of inertia (x 10^{-3}) (kg m²)	0.9	0.9	1.1	1.1
Weight (kg)	9.0	9.0	9.0	9.0

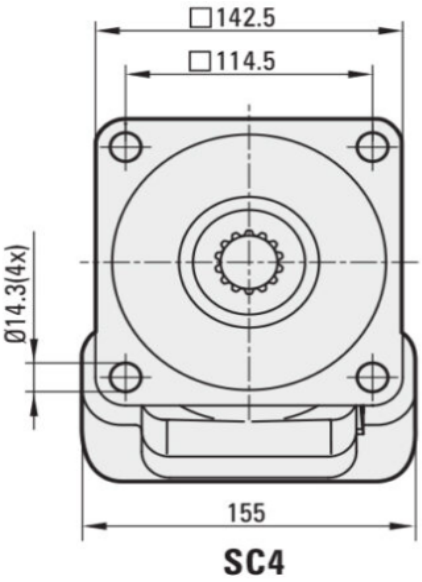
Seçeceğiniz pompanın dönüş yönü, P.T.O. dönüş yönü ile ters olmalıdır.
The rotation of the choosen pump has to be opposite to the rotation of P.T.O.

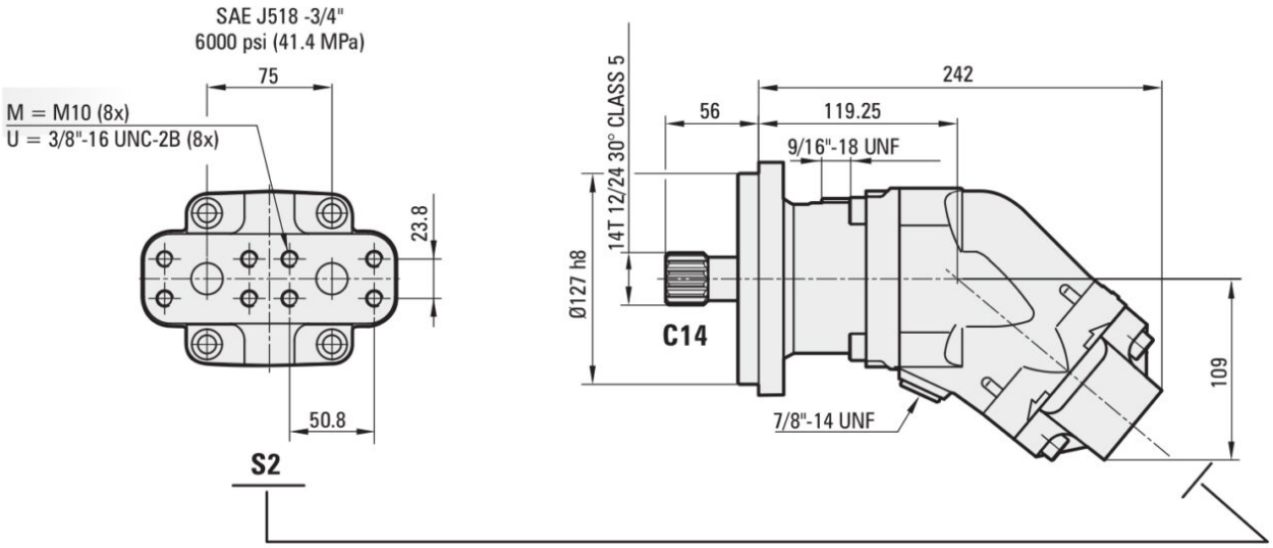
P.T.O. montaj edildikten sonra ana şanzıman yağını tamamlayın.
Fill the oil of the gear box after mounting the P.T.O.

GMHM 025-108 SAE B2 SERIES HYDROMOTORS

GMHM 025-108 SAE B2 Serisi Hidromotorlar







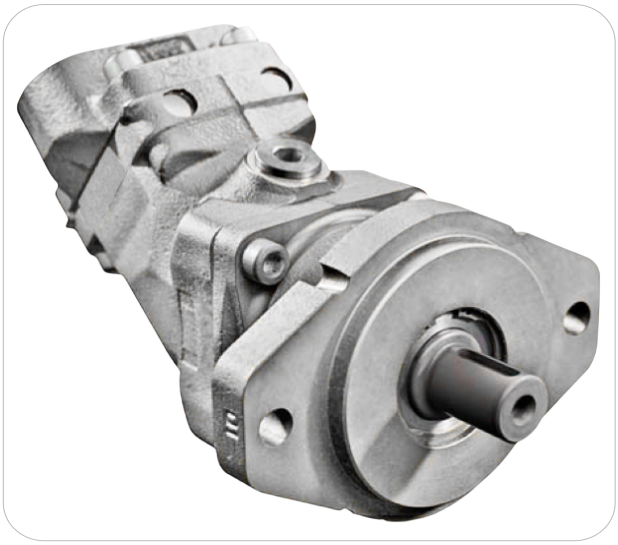
GMHM 025-108 SAE C	025 SAE C	034 SAE C	040 SAE C	047 SAE C	056 SAE C	064 SAE C	084 SAE C	090 SAE C	108 SAE C
Displacement (cm3/rev.)	25.4	34.2	41.2	47.1	56.7	63.5	83.6	90.7	108.0
M0perating pressure									
max intermittent (Bar)	400	400	400	400	400	400	400	400	400
max continuous (Bar)	350	350	350	350	350	350	350	350	350
Revolutions									
max intermittent (rpm)	6500	6500	5900	5900	5900	5900	4800	4800	4800
max continuous (rpm)	5900	5900	5300	5300	5300	5300	4400	4400	4400
min continuous (rpm)	300	300	300	300	300	300	300	300	300
Power									
max intermittent (kW)	80	110	120	135	165	180	200	215	255
max contiuous (kW)	40	55	60	65	80	90	100	110	130
Starting torque theoretical value (Nm/bar)	0.40	0.40	0.66	0.75	0.89	1.0	1.33	1.44	1.71
Mass Moment of inertia (x 10 $^{-3}$) (kg m²)	1.1	1.1	2.6	2.6	2.6	2.6	6.3	6.3	6.3
Weight (kg)	9.0	9.0	15.0	15.0	15.0	15.0	18.0	18.0	18.0

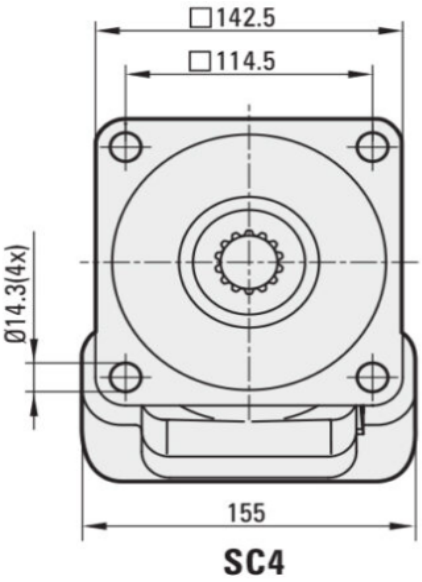
Seçeceğiniz pompanın dönüş yönü, P.T.O. dönüş yönü ile ters olmalıdır.
The rotation of the choosen pump has to be opposite to the rotation of P.T.O.

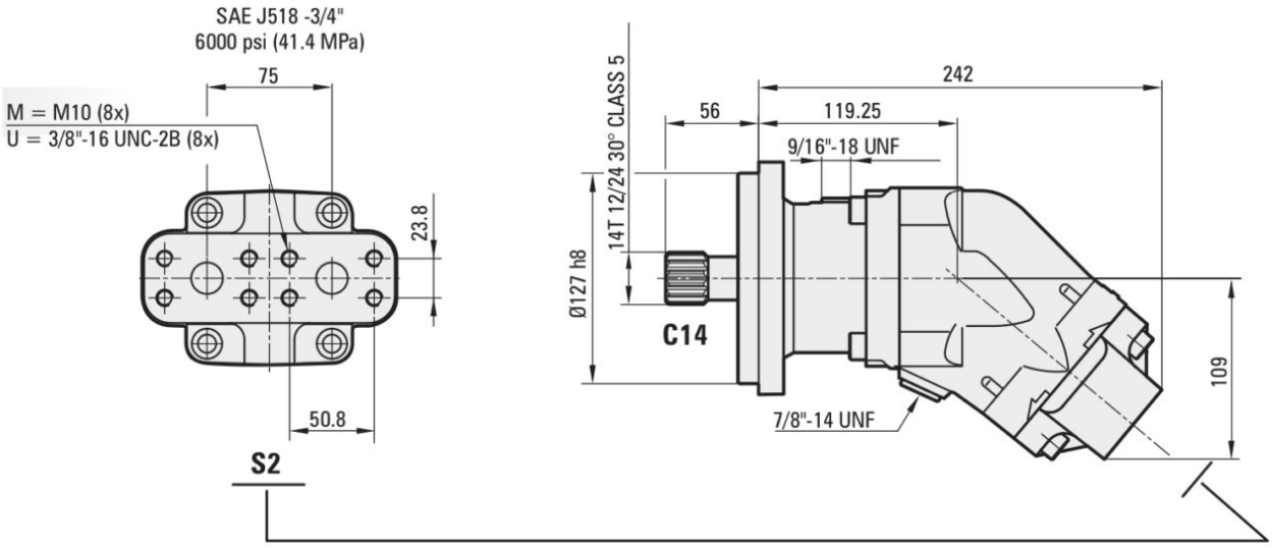
P.T.O. montaj edildikten sonra ana şanzıman yağını tamamlayın.
Fill the oil of the gear box after mounting the P.T.O.

GMHM 084-130 SAE B2 SERIES HYDROMOTORS

GMHM 084-130 SAE B2 Serisi Hidromotorlar



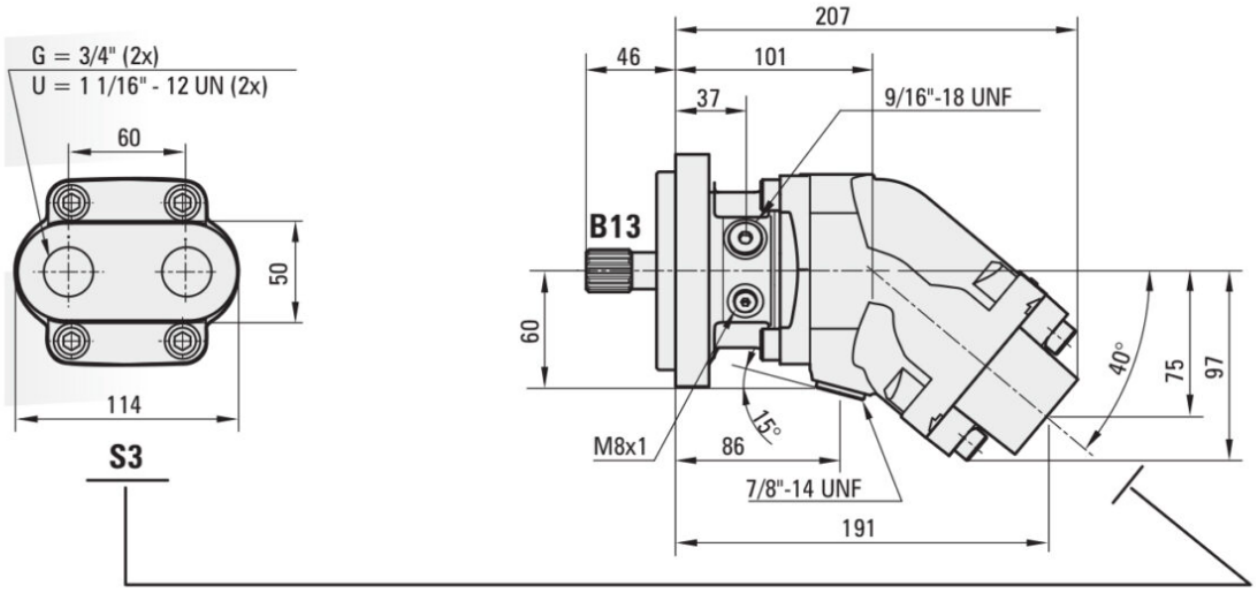


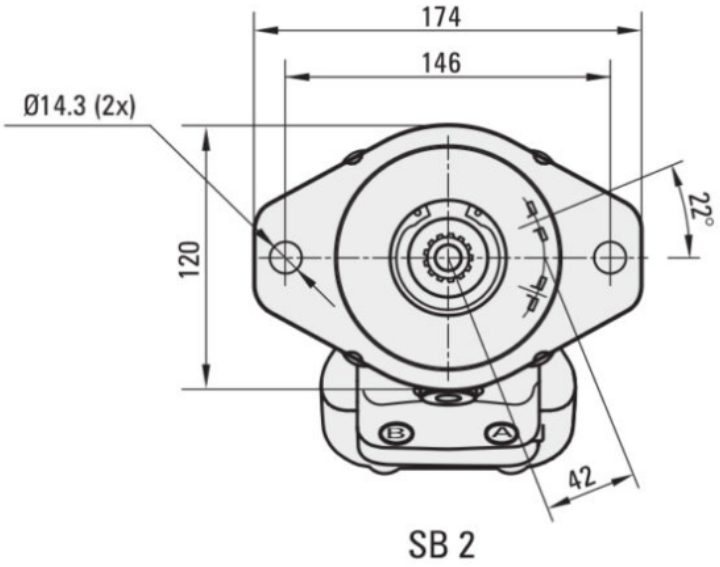


GMHM 084-130 SAE D	084 SAE D	090 SAE D	108 SAE D	130 SAE D
Displacement (cm3/rev.)	83.6	90.7	108.0	130.0
M0perating pressure				
max intermittent (Bar)	400	400	400	350
max continuous (Bar)	350	350	350	300
Revolutions				
max intermittent (rpm)	4600	4600	4600	4600
max continuous (rpm)	4200	4200	4200	4200
min continuous (rpm)	300	300	300	300
Power				
max intermittent (kW)	190	205	245	255
max contiuous (kW)	100	110	130	135
Starting torque theoretical value (Nm/bar)	1.33	1.44	1.71	2.05
Mass Moment of inertia (x 10 $^{-3}$) (kg m²)	7.4	7.4	7.4	7.4
Weight (kg)	35.0	5.0	35.0	35.0

Seçeceğiniz pompanın dönüş yönü, P.T.O. dönüş yönü ile ters olmalıdır.
The rotation of the choosen pump has to be opposite to the rotation of P.T.O.

P.T.O. montaj edildikten sonra ana şanzıman yağını tamamlayın.
Fill the oil of the gear box after mounting the P.T.O.





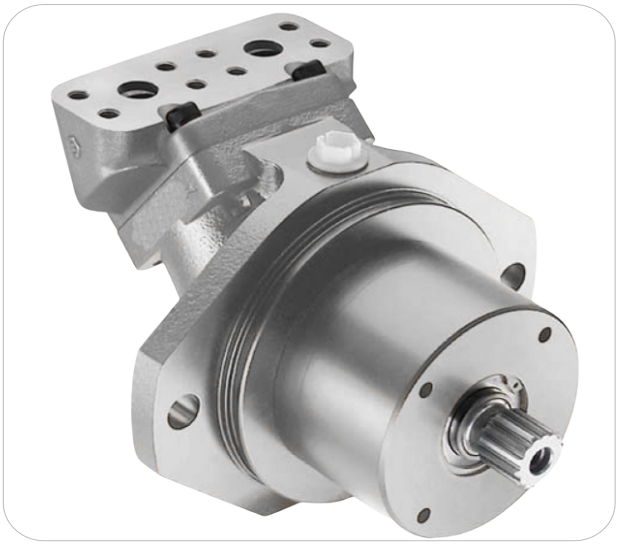
Choice of staft seal		Temp.	Max. housing pressure bar at rpm				
Motor SCM	**Code**	**(°C)**	**1000**	**2000**	**3000**	**4000**	**5000**
012-034 B	N	75	5.5	2.7	1.8	1.4	1.1
	H	75	24.6	12.3	8.2	6.1	4.9
	V	90	55	2.7	1.8	1.4	1.1
040-108 C	N	75	5.5	2.7	1.8	1.4	1.1
	H	75	24.6	12.3	8.2	6.1	4.9
	V	90	55	2.7	1.8	1.4	1.1
084-130 D	N	75	3.5	1.7	1.2		
	H	75	15.6	7.8	5.2		
	V	90	3.5	1.7	1.2		

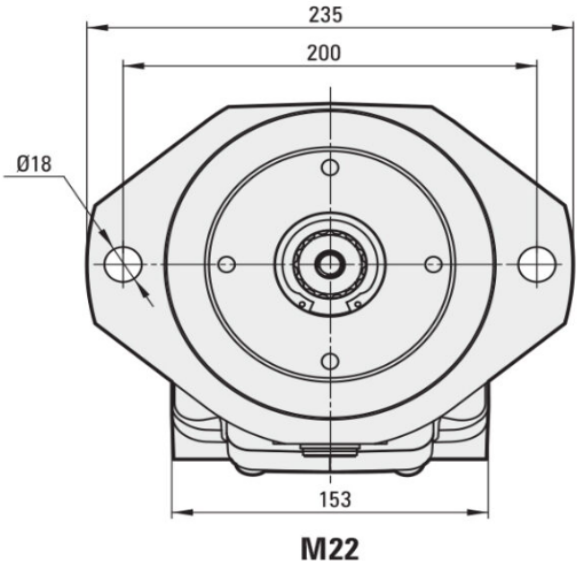
Seçeceğiniz pompanın dönüş yönü, P.T.O. dönüş yönü ile ters olmalıdır.
The rotation of the choosen pump has to be opposite to the rotation of P.T.O.

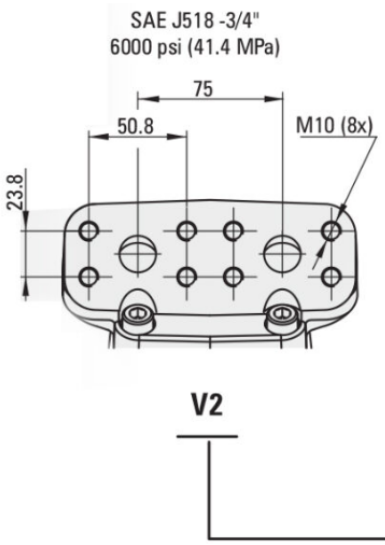
P.T.O. montaj edildikten sonra ana şanzıman yağını tamamlayın.
Fill the oil of the gear box after mounting the P.T.O.

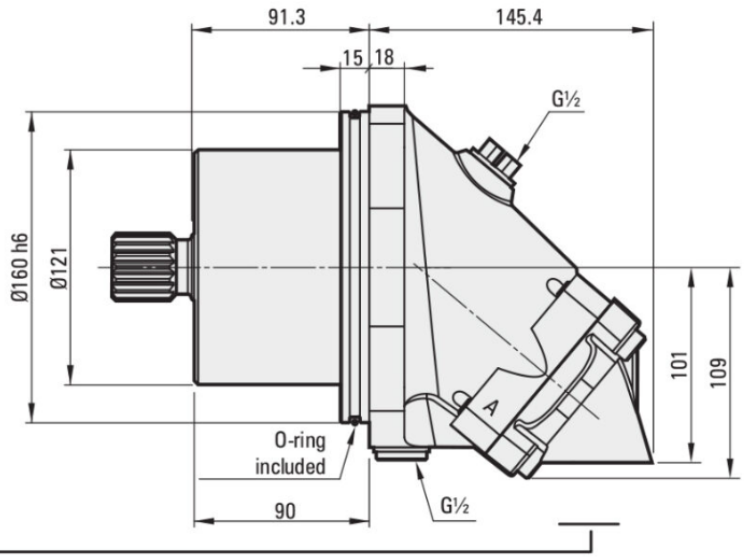
GMHM 025-108 M2 SERIES HYDROMOTORS

GMHM 025-108 M2 Serisi Hidromotorlar









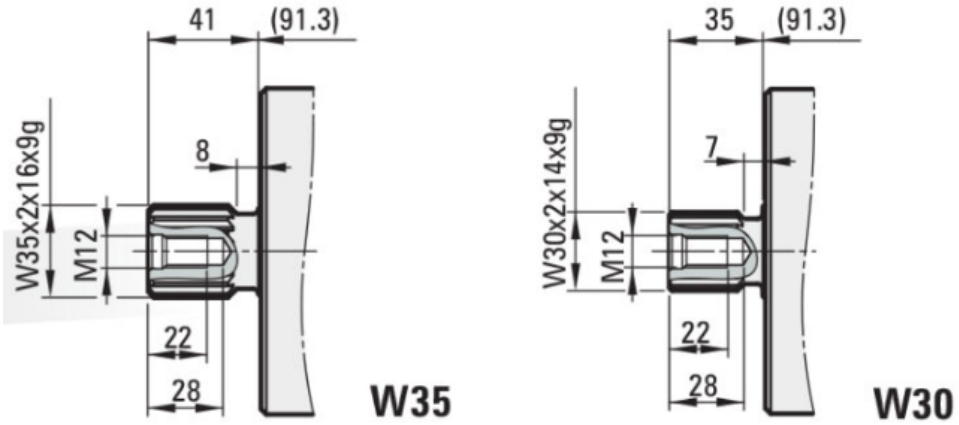
GMHM 025-108 M2	025	034	040	047	056	064	084	90	108
Displacement (cm3/rev)	25.4	34.2	41.2	47.1	56.7	63.5	83.6	90.7	108.0
M0perating pressure									
max intermittent (Bar)	400	400	400	400	400	400	400	400	330
max continuous (Bar)	350	350	350	350	350	350	350	350	300
Revolutions									
max intermittent (rev/min)	7000	7000	6300	6300	6300	6300	5200	5200	5200
max continuous (rev/min)	6300	6300	5700	5700	5700	5700	4700	4700	4700
min continuous (rev/min)	300	300	300	300	300	300	300	300	300
Power									
max intermittent (kW)	86	115	125	145	175	195	215	230	230
max contiuous (kW)	40	55	60	65	80	90	100	110	110
Starting torque theoretical value (Nm/bar)	0.4	0.54	0.66	0.75	0.89	1.0	1.33	1.44	1.71
Moment of inertia (x 10 $^{-3}$) (kg m²)	1.1	1.1	2.6	2.6	2.6	2.6	7.4	7.4	7.4
Weight (kg)	11.0	'11.0	18.3	18.3	18.3	18.3	26.0	26.0	26.0

Seçeceğiniz pompanın dönüş yönü, P.T.O. dönüş yönü ile ters olmalıdır.
The rotation of the choosen pump has to be opposite to the rotation of P.T.O.

P.T.O. montaj edildikten sonra ana şanzıman yağını tamamlayın.
Fill the oil of the gear box after mounting the P.T.O.

GMHM 025-108 M2 SERIES HYDROMOTORS

GMHM 025-108 M2 Serisi Hidromotorlar



Choice of staft seal		Temp.	Max. housing pressure bar at rpm						
Motor SCM	**Code**	**(°C)**	**1000**	**2000**	**3000**	**4000**	**5000**	**6000**	**7000**
012-034	N	75	5.5	2.7	1.8	1.4	1.1	0.9	0.8
	H	75	24.6	12.3	8.2	6.1	4.9	4.1	3.5
	V	90	55	2.7	1.8	1.4	1.1	0.9	0.8
084-130	N	75	3.8	1.9	1.3	1.0	0.8	0.6	
	H	75	17.2	8.6	5.7	4.3	3.4	2.9	
	V	90	3.8	1.9	1.3	1.0	0.8	0.6	

Seçeceğiniz pompanın dönüş yönü, P.T.O. dönüş yönü ile ters olmalıdır.
The rotation of the choosen pump has to be opposite to the rotation of P.T.O.

P.T.O. montaj edildikten sonra ana şanzıman yağını tamamlayın.
Fill the oil of the gear box after mounting the P.T.O.

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