

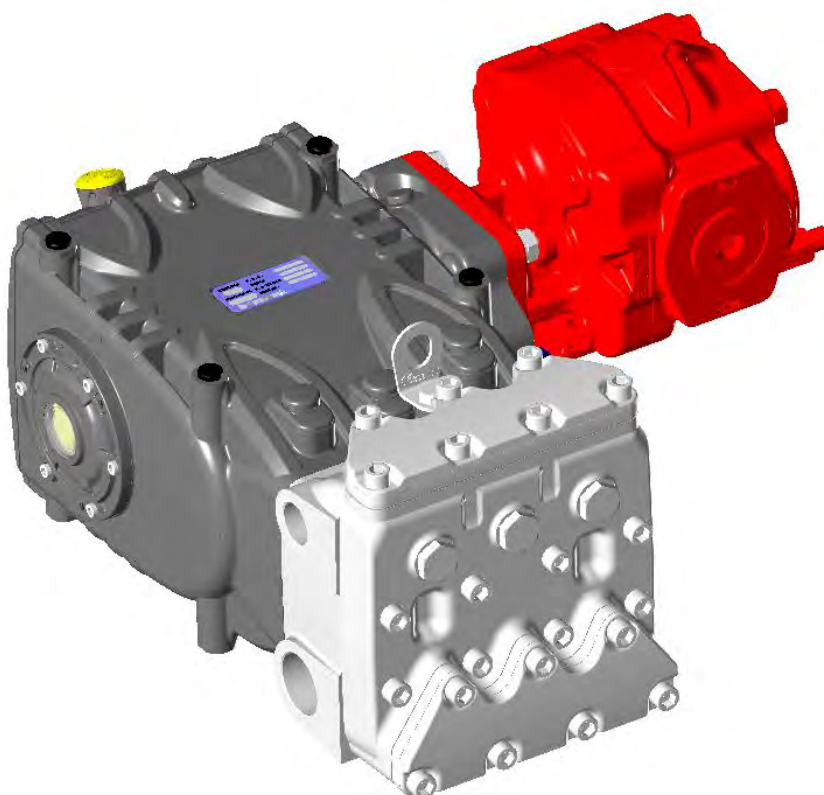
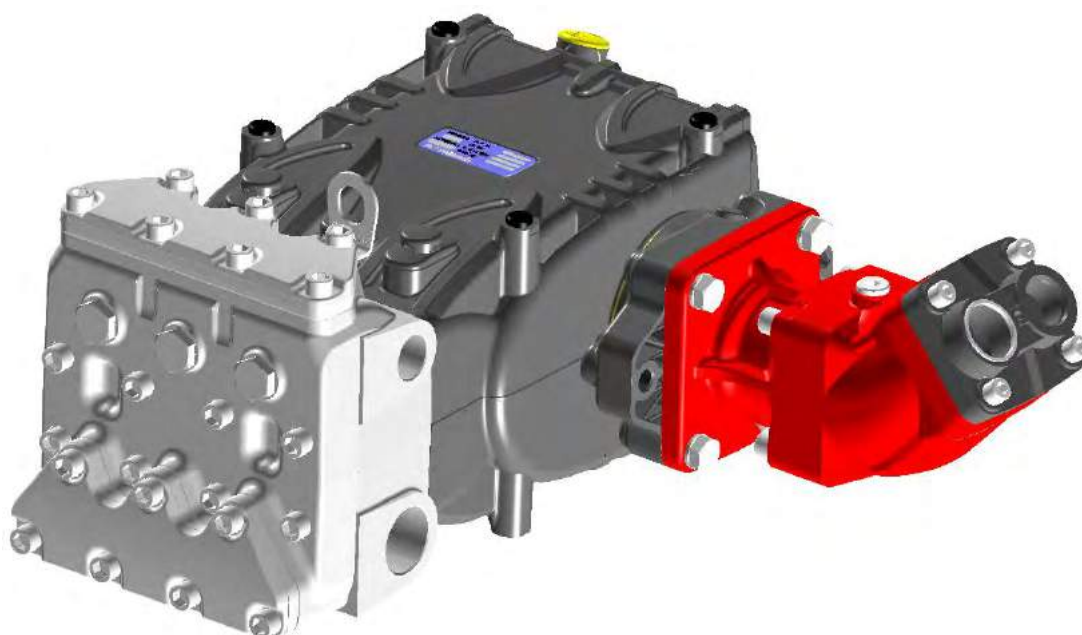


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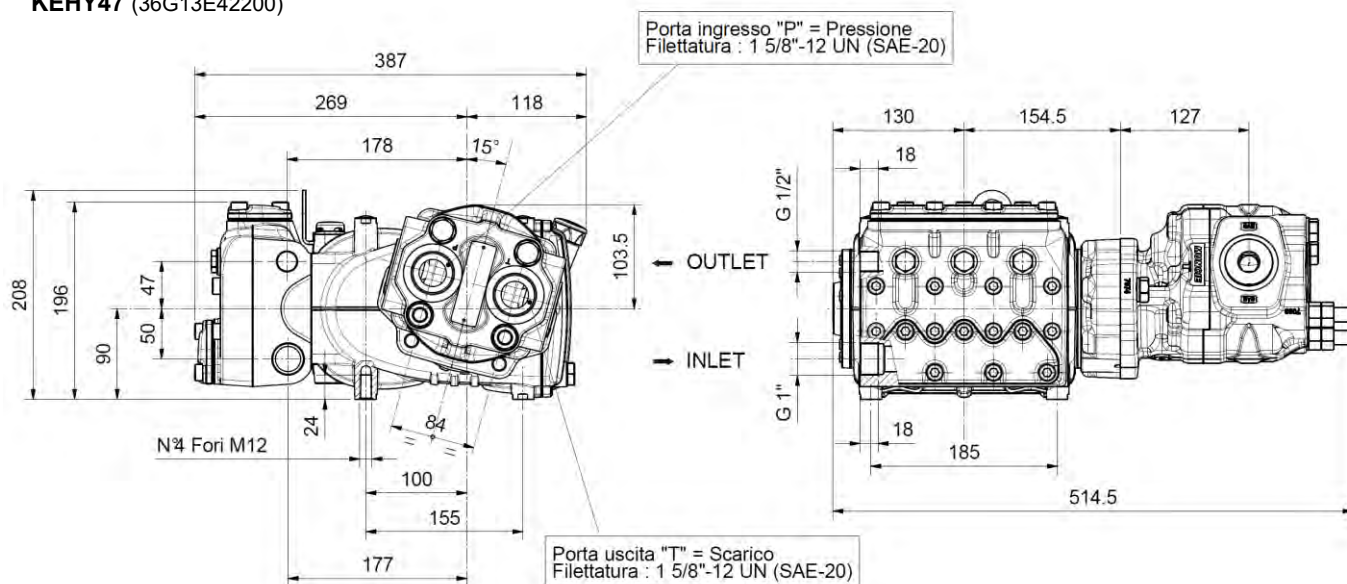
SERIE HYPACK



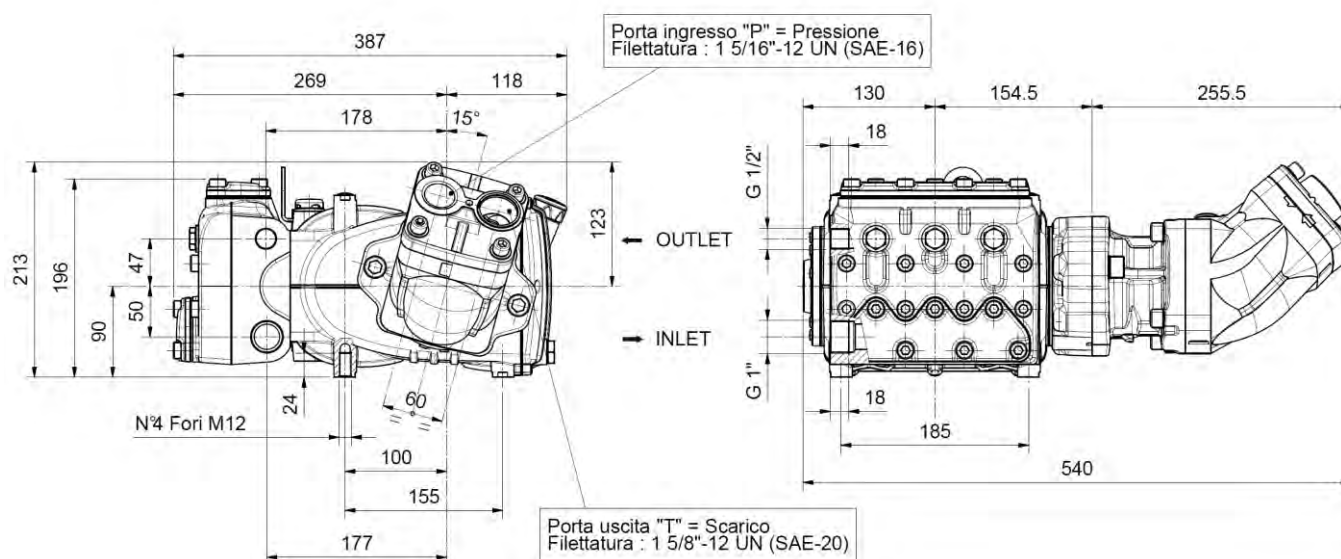
KEHY

POMPA ACQUA / WATER PUMP				Δp motore max / motor Δp max [bar]			
Modello Model	Portata Flow [l/min]	Pressione Pressure [bar]	GIRI [rpm]	36G13E42200 47,9 cc/giro	Peso Weight [Kg]	31780646200 64,1 cc/giro	Peso Weight [Kg]
KE20	30	300	1450	175	57	130	52
KE22	37	250		180		135	
KE24	45	210		185		135	
KE28H	61	150		180		135	
KE30H	70	130		175		130	
KE36H	100	100		195		145	

KEHY47 (36G13E42200)



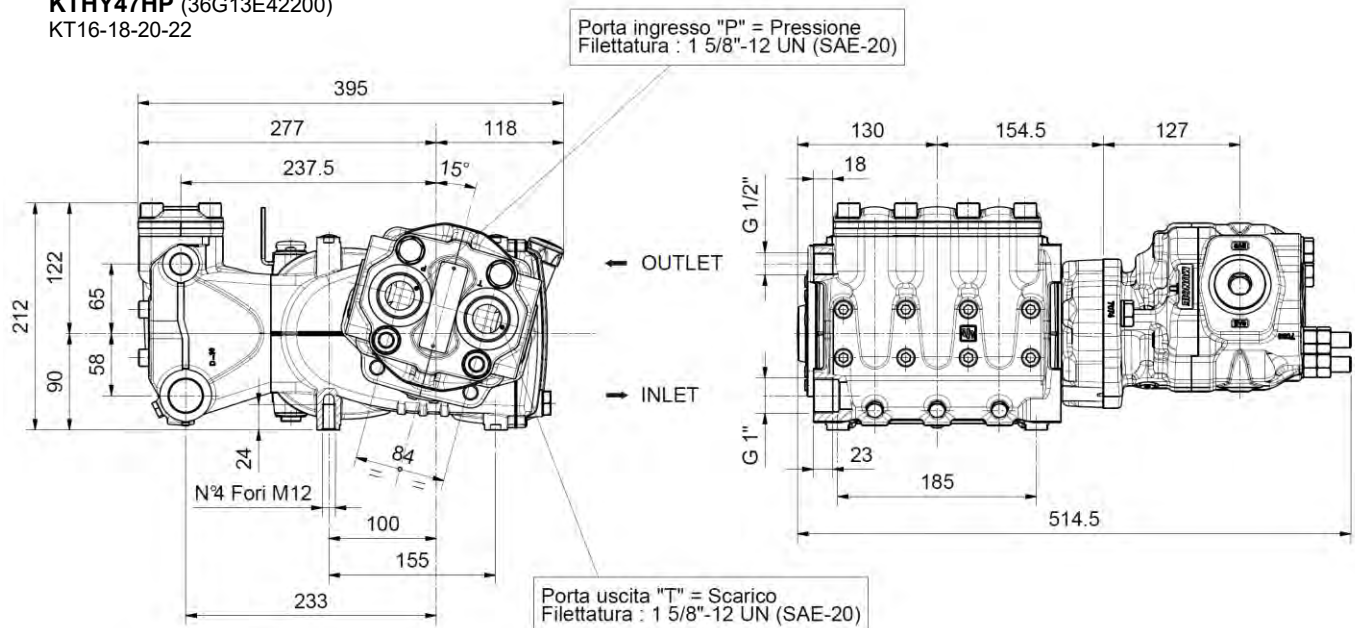
KEHY64 (31780846200)



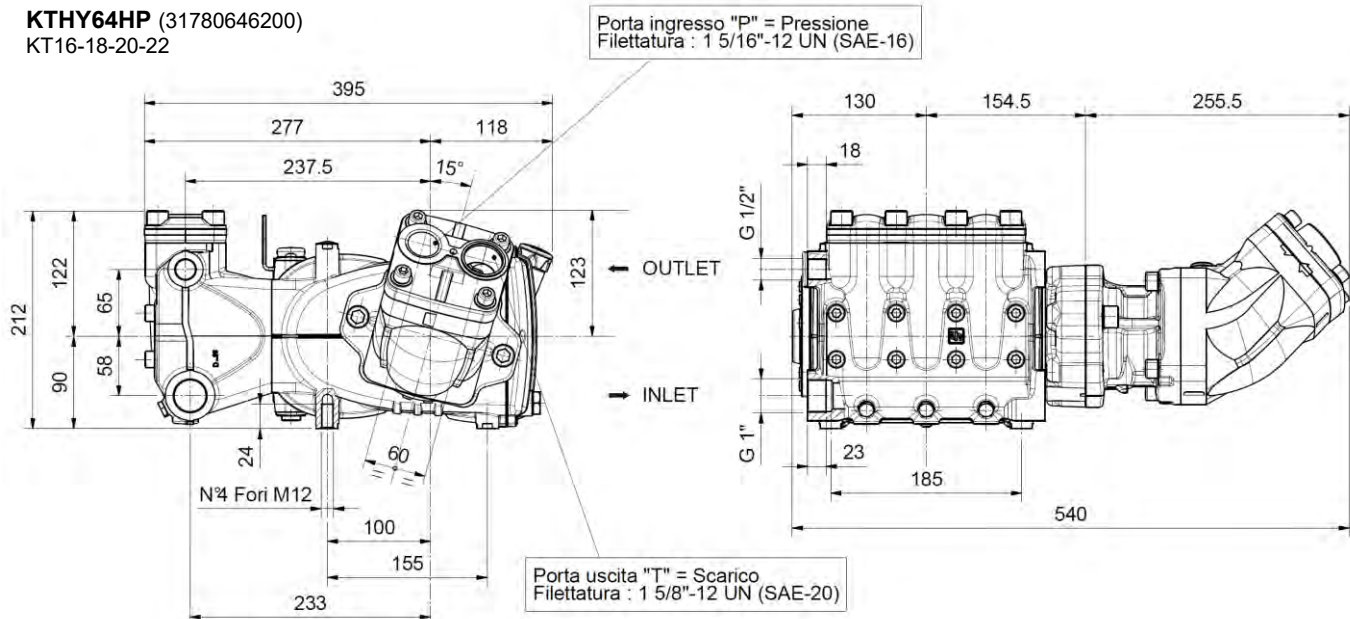
KTHY

POMPA ACQUA / WATER PUMP				Δp motore max / motor Δp max [bar]					
Modello Model	Portata Flow [l/min]	Pressione Pressure [bar]	GIRI [rpm]	36G13E42200 47,9 cc/giro	Peso Weight [Kg]	31780646200 64,1 cc/giro	Peso [Kg]	95115800 53 cc/giro	Peso Weight [Kg]
KT16	27	500	1750	215	61	160	56		
KT18	29 / 35	500 / 400	1450 / 1750	280 / 225		210 / 170			
KT20	36 / 43	400 / 320		280 / 220		210 / 165			
KT22	43 / 52	320 / 250		265 / 210		200 / 155		240 / 190	50
KT24	51 / 62	250 / 200		250 / 200		185 / 150			
KT28	70 / 84	200 / 175		270 / 235		205 / 175			
KT30	80 / 96	175 / 140		270 / 215		205 / 160			
KT32	91	150	1450	265		200			
KT36	115 / 125	120 / 125	1450 / 1580	270 / 280		200 / 210			
KT40	142	100	1450	275		205			

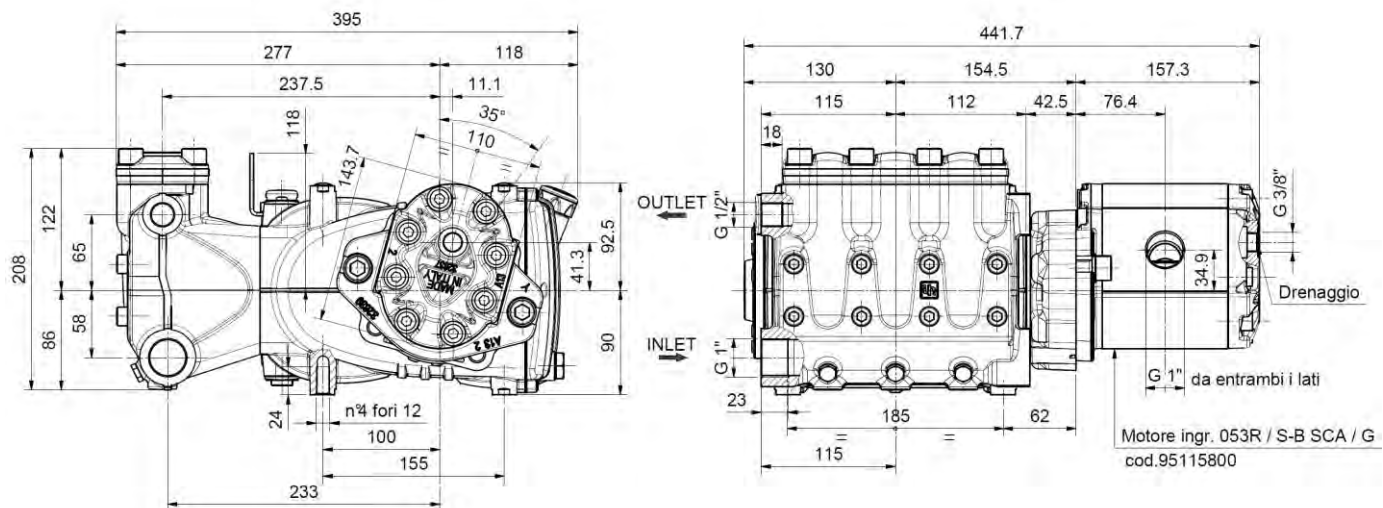
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KT16-18-20-22



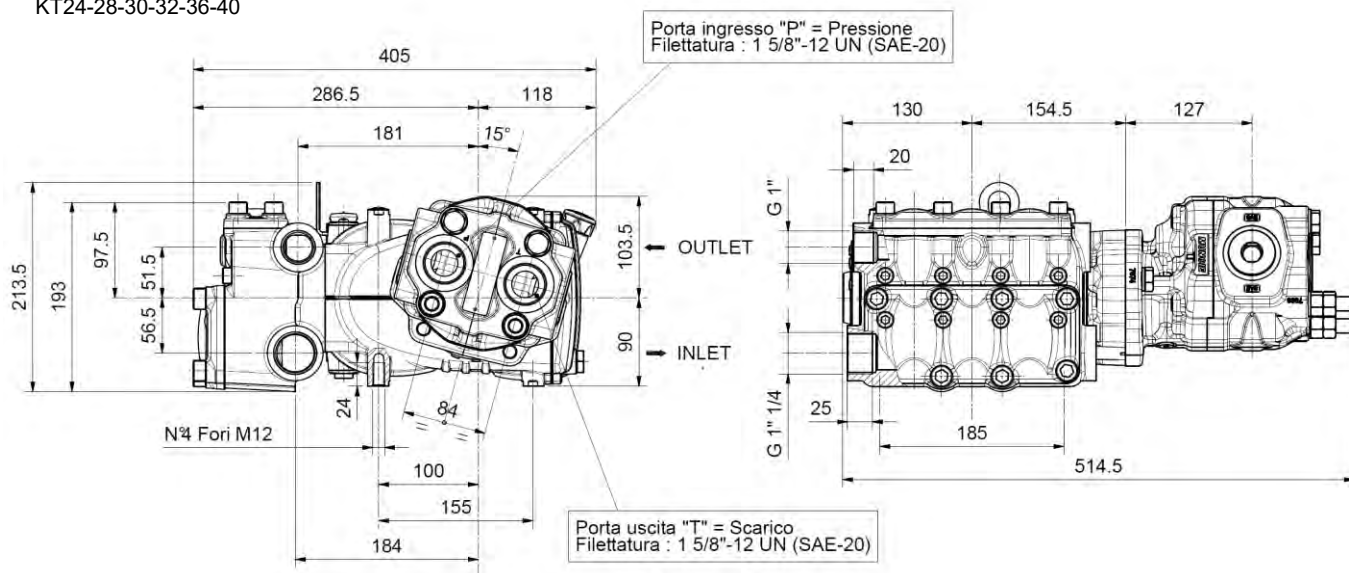
KTHY64HP (31780646200)
KT16-18-20-22



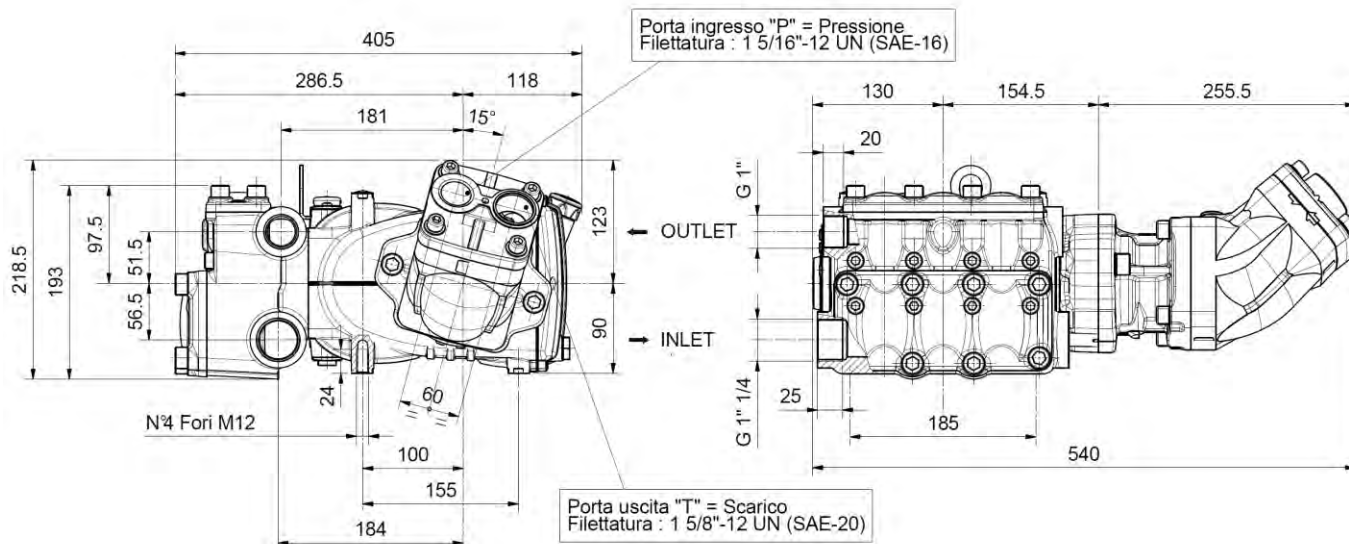
KT22



KT24-28-30-32-36-40

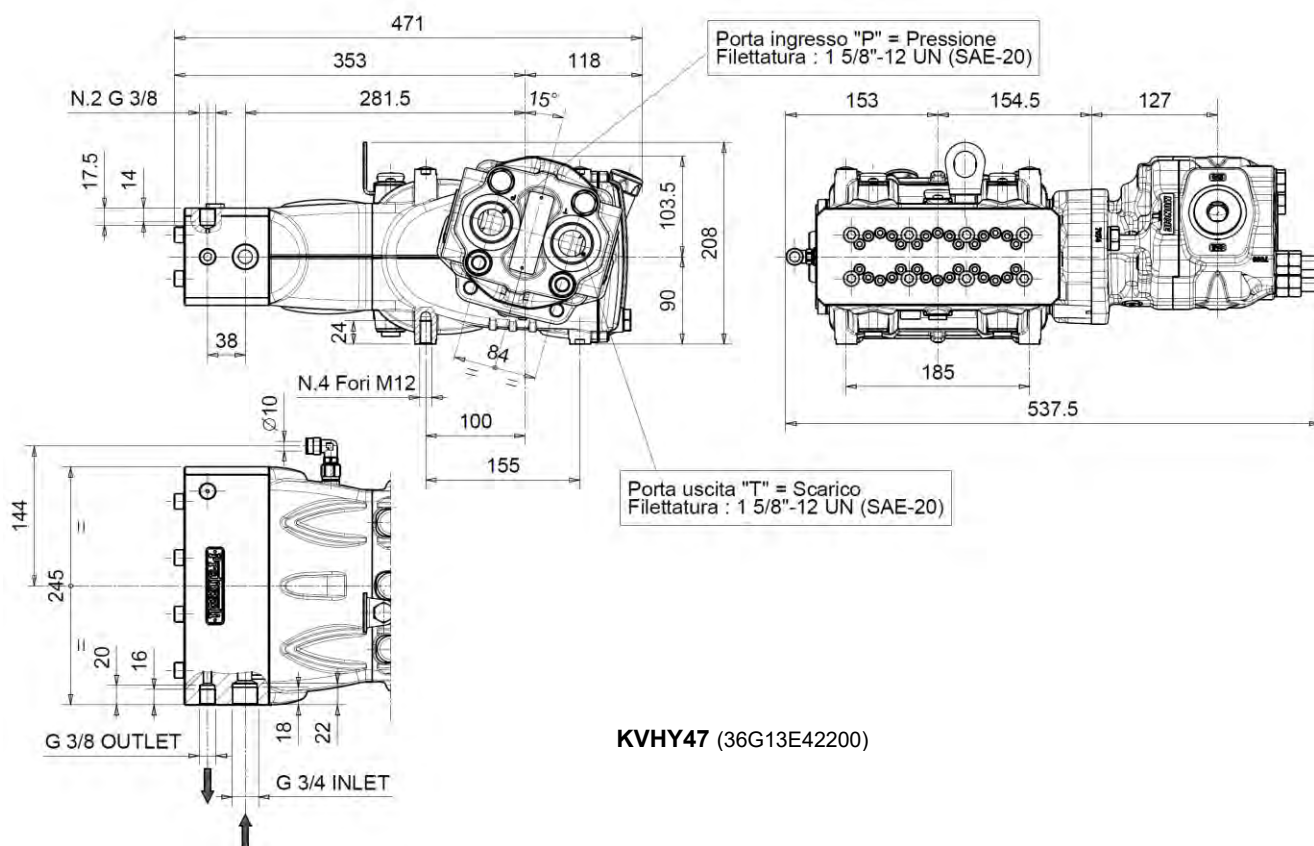


KT24-28-30-32-36-40

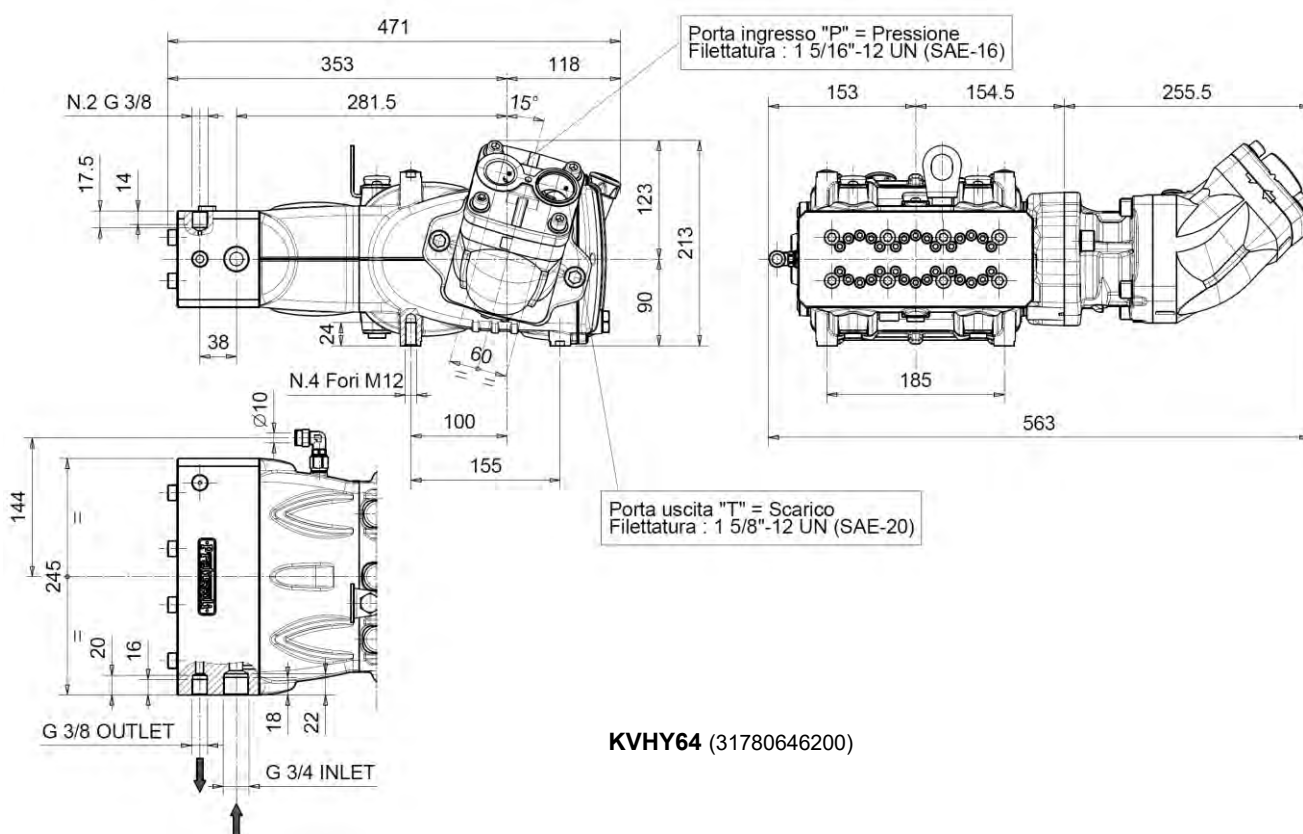


KVHY

POMPA ACQUA / WATER PUMP				Δp motore max / motor Δp max [bar]			
Modello Model	Portata Flow [l/min]	Pressione Pressure [bar]	GIRI [rpm]	36G13E42200 47,9 cc/giro	Peso Weight [Kg]	31780646200 64,1 cc/giro	Peso Weight [Kg]
KV12	12.8 / 15.4	1100	1450 / 1750	275	61	205	56
KV14	17.4 / 21	800		270		200	



KVHY47 (36G13E42200)

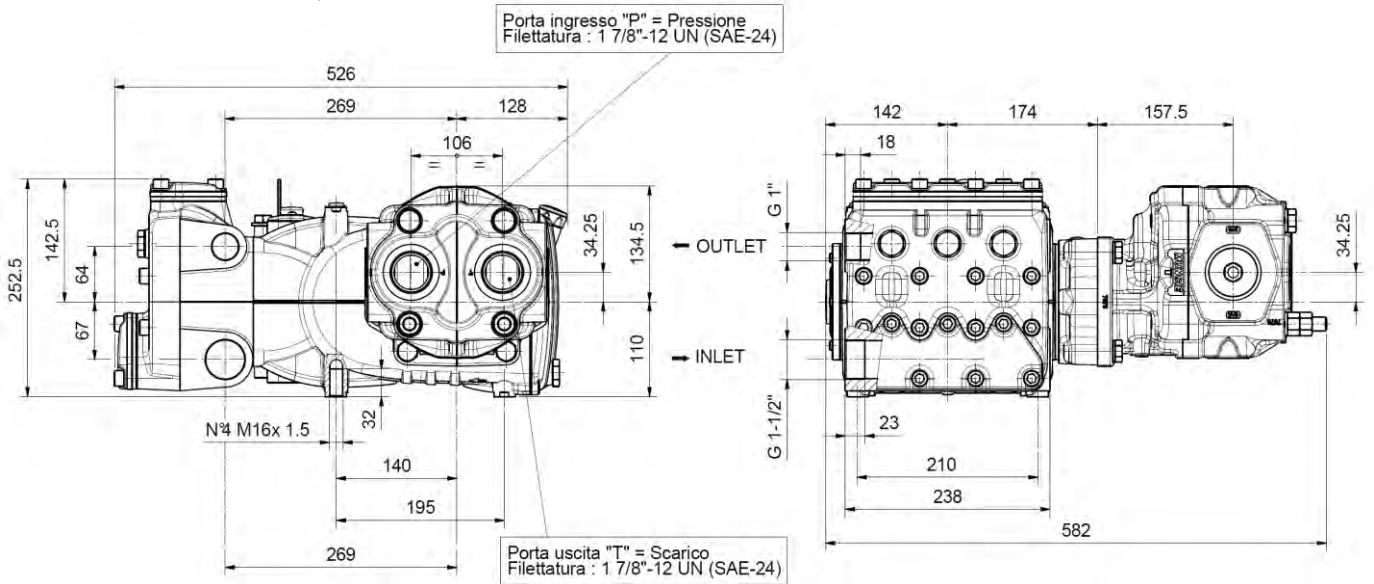


KVHY64 (31780646200)

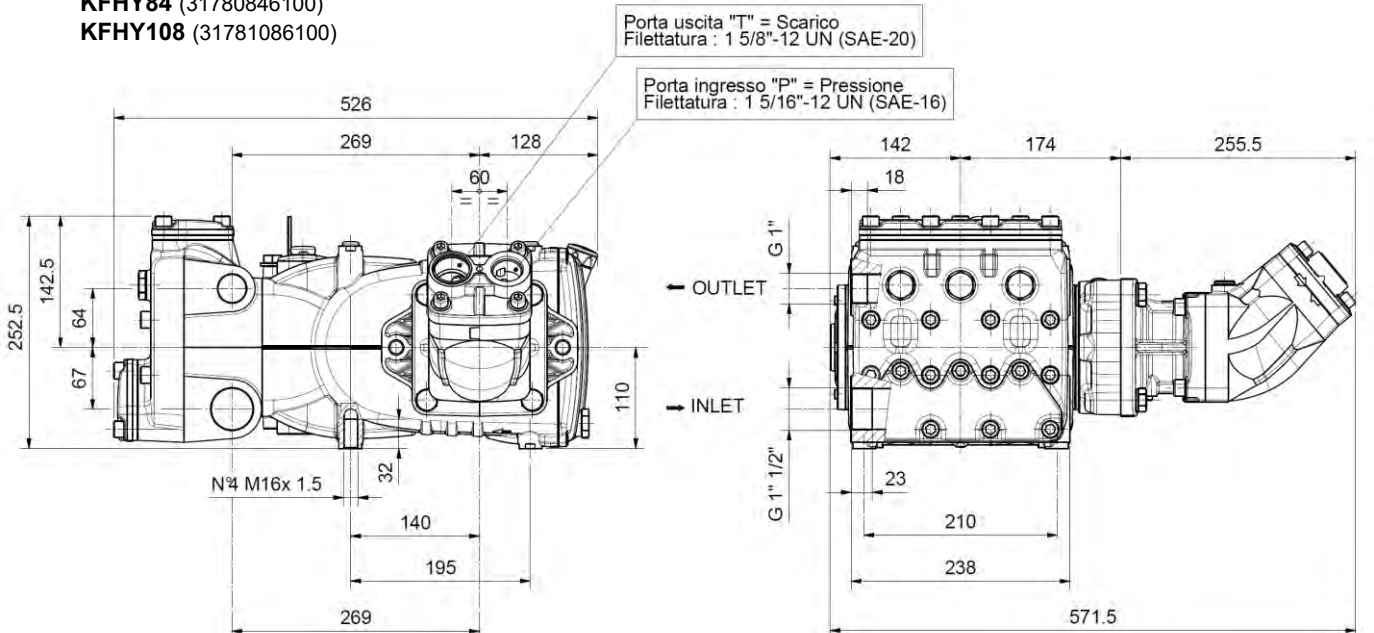
KFHY

POMPA ACQUA / WATER PUMP				Δp motore max / motor Δp max [bar]					
Modello Model	Portata Flow [l/min]	Pressione Pressure [bar]	GIRI [rpm]	36Y31V42200 117,3 cc/giro	Peso Weight [Kg]	31780846100 84,4 cc/giro	Peso Weight [Kg]	31781086100 107,7 cc/giro	Peso Weight [Kg]
KF28	93	210	1000	225	107	310	86	245	86
KF30	106	200		245		340		265	
KF32	120	180		250		345		270	
KF36	153	130		230		320		250	
KF40	170	110	900	240		330		260	

KFHY117 (36Y31V42200)



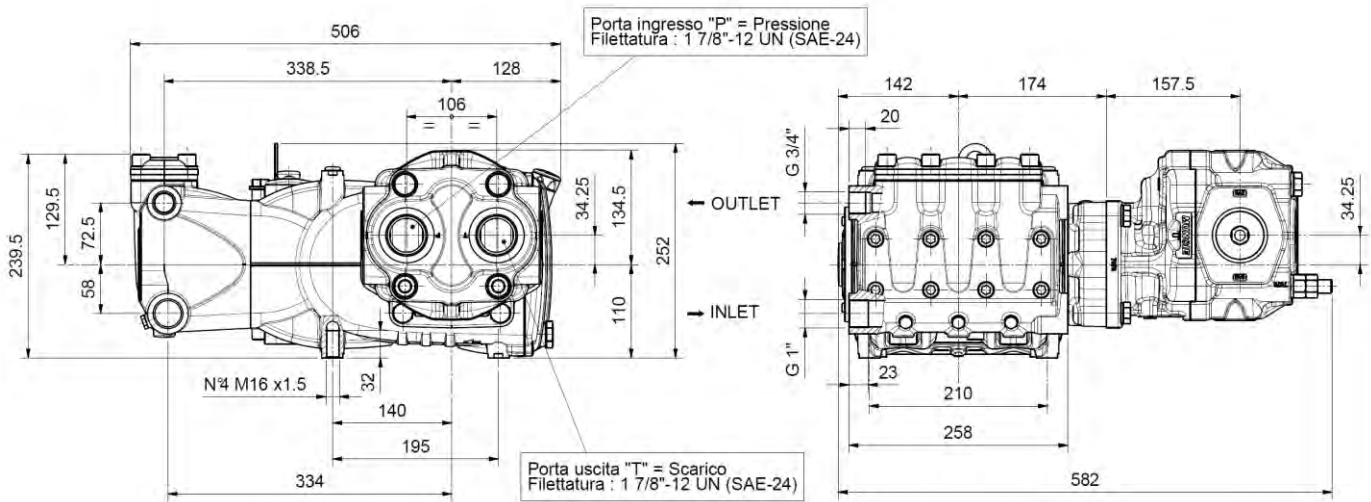
KFHY84 (31780846100) KFHY108 (31781086100)



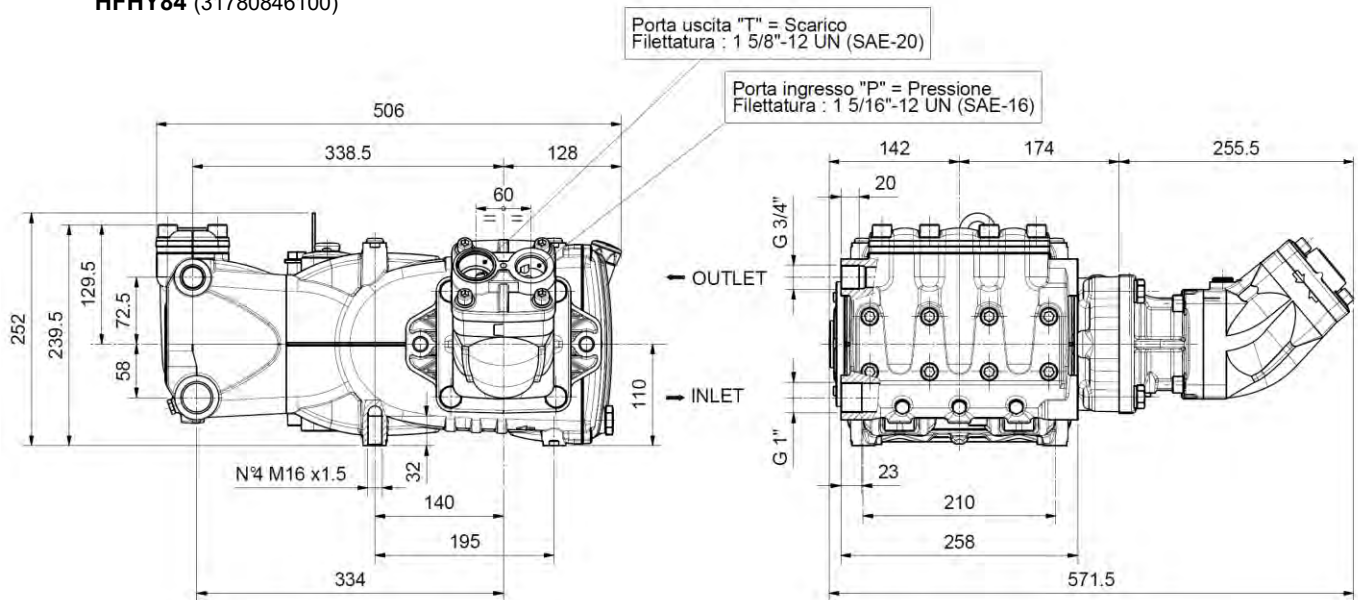
HFHY

POMPA ACQUA / WATER PUMP				Δp motore max / motor Δp max [bar]			
Modello Model	Portata Flow [l/min]	Pressione Pressure [bar]	GIRI [rpm]	36Y31V42200 117,3 cc/giro	Peso Weight [Kg]	31780846100 84,4 cc/giro	Peso Weight [Kg]
HF18	30 / 38	600 / 500	800 / 1000	260 / 220	101	360 / 305	80
HF20	47	400	1000	215		300	
HF22	57	350		230		320	
HF25	73	280		235		325	

HFHY117 (36Y31V42200)

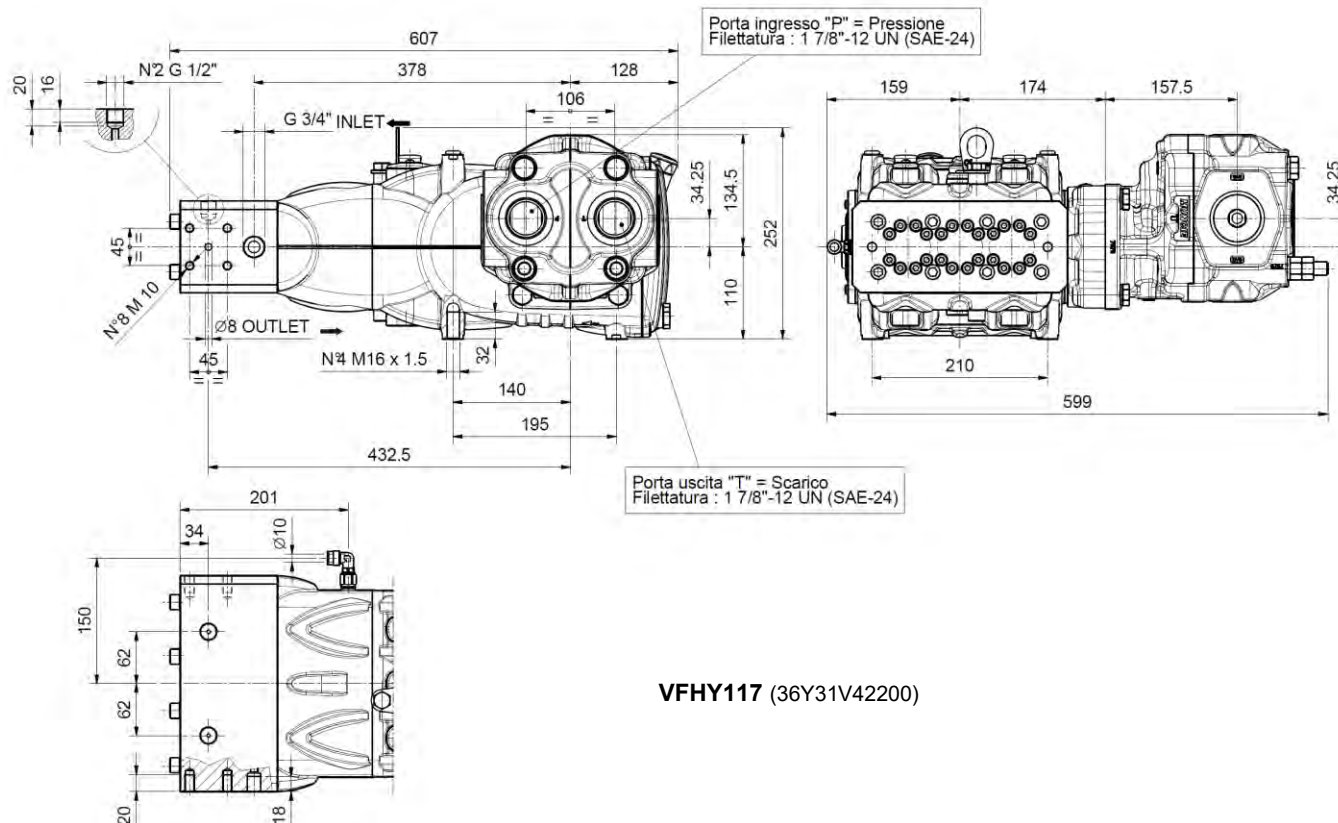


HFHY84 (31780846100)

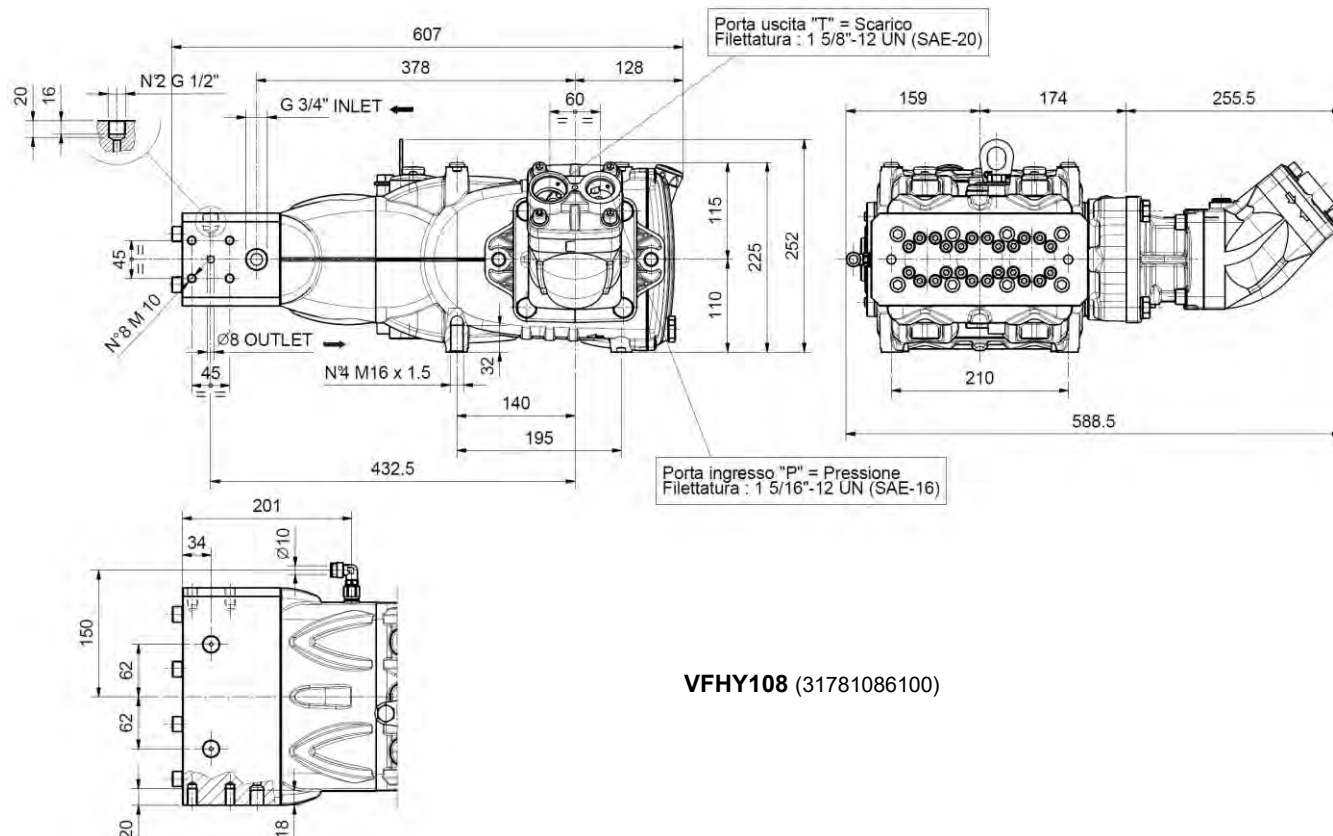


VFHY

POMPA ACQUA / WATER PUMP				Δp motore max / motor Δp max [bar]			
Modello Model	Portata Flow [l/min]	Pressione Pressure [bar]	GIRI [rpm]	36Y31V42200 117,3 cc/giro	Peso Weight [Kg]	31781086100 107,7 cc/giro	Peso Weight [Kg]
VFH12	12.5 / 15	1500 / 1200	750 / 900	285 / 230	101	315 / 250	80
VFH14	17 / 23	1100 / 800	750 / 1000	285 / 210		310 / 230	



VFHY117 (36Y31V42200)

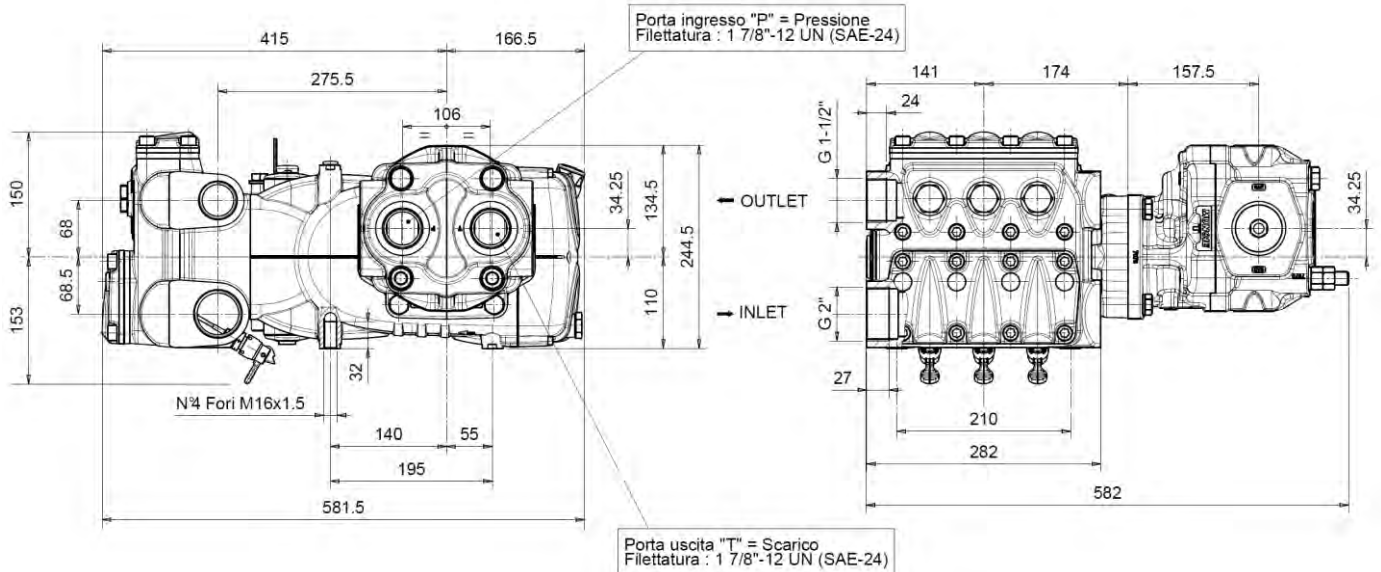


VFHY108 (31781086100)

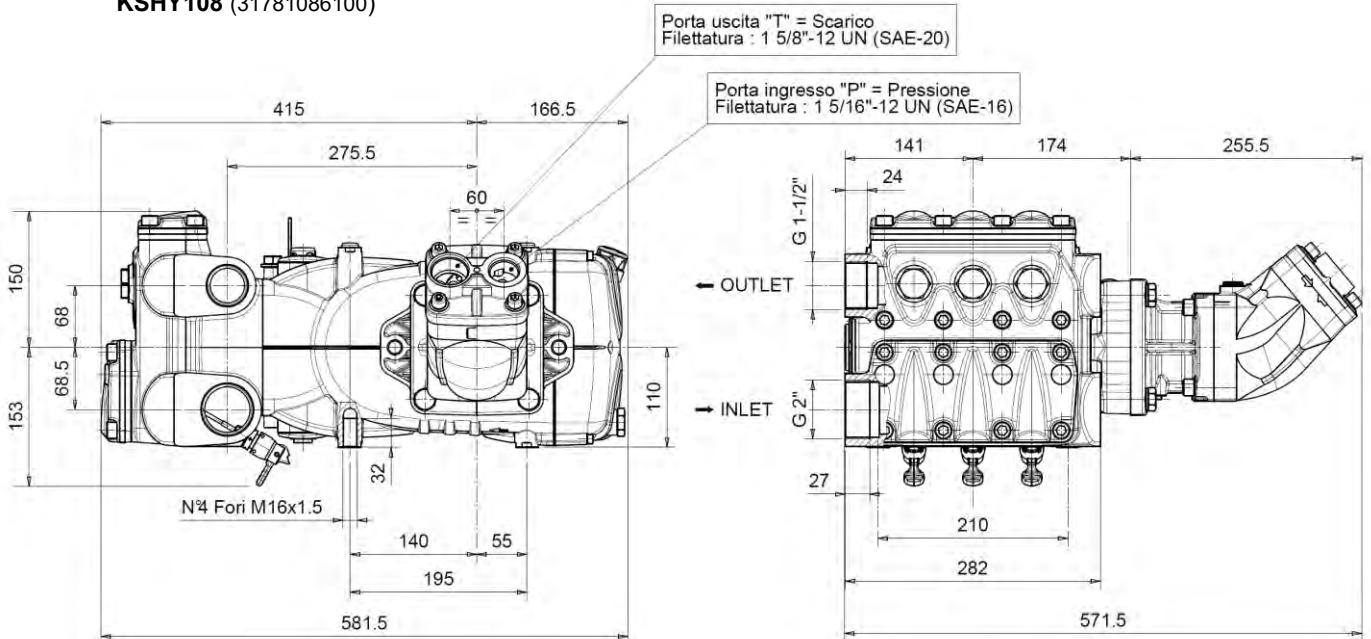
KSHY

POMPA ACQUA / WATER PUMP				Δp motore max / motor Δp max [bar]			
Modello Model	Portata Flow [l/min]	Pressione Pressure [bar]	GIRI [rpm]	36Y31V42200 117,3 cc/giro	Peso Weight [Kg]	31781086100 107,7 cc/giro	Peso Weight [Kg]
KS28	110	250	1200	265	133	285	112
KS32	145	200		280		305	
KS36	183	160		280		305	
KS40	226	140		305		330	

KSHY117 (36Y31V42200)



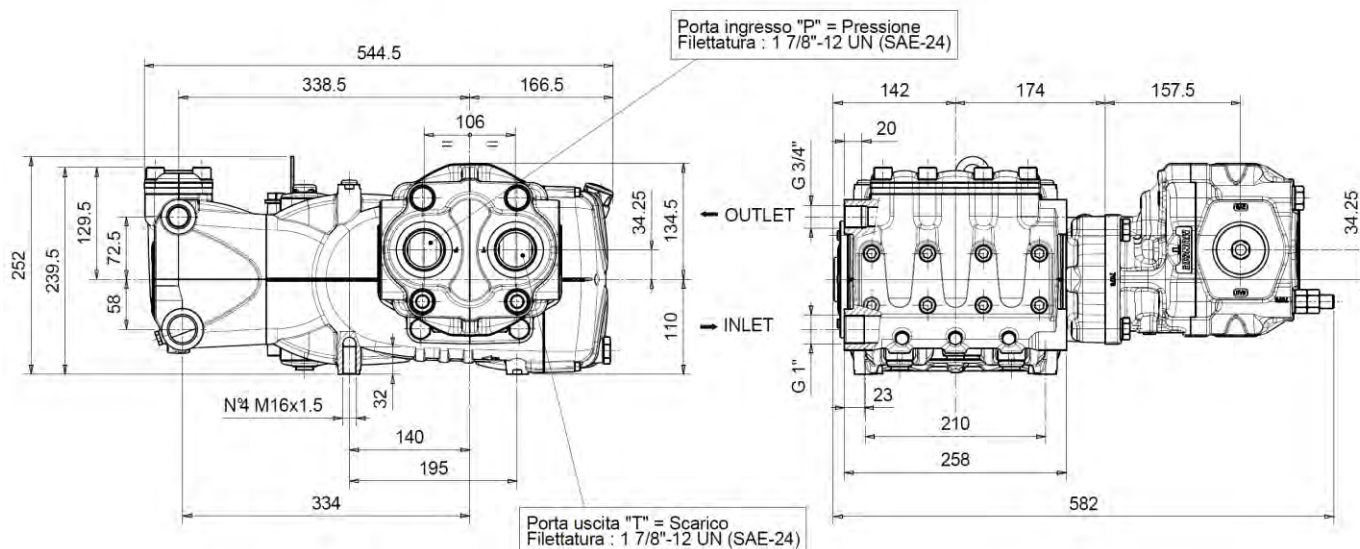
KSHY108 (31781086100)



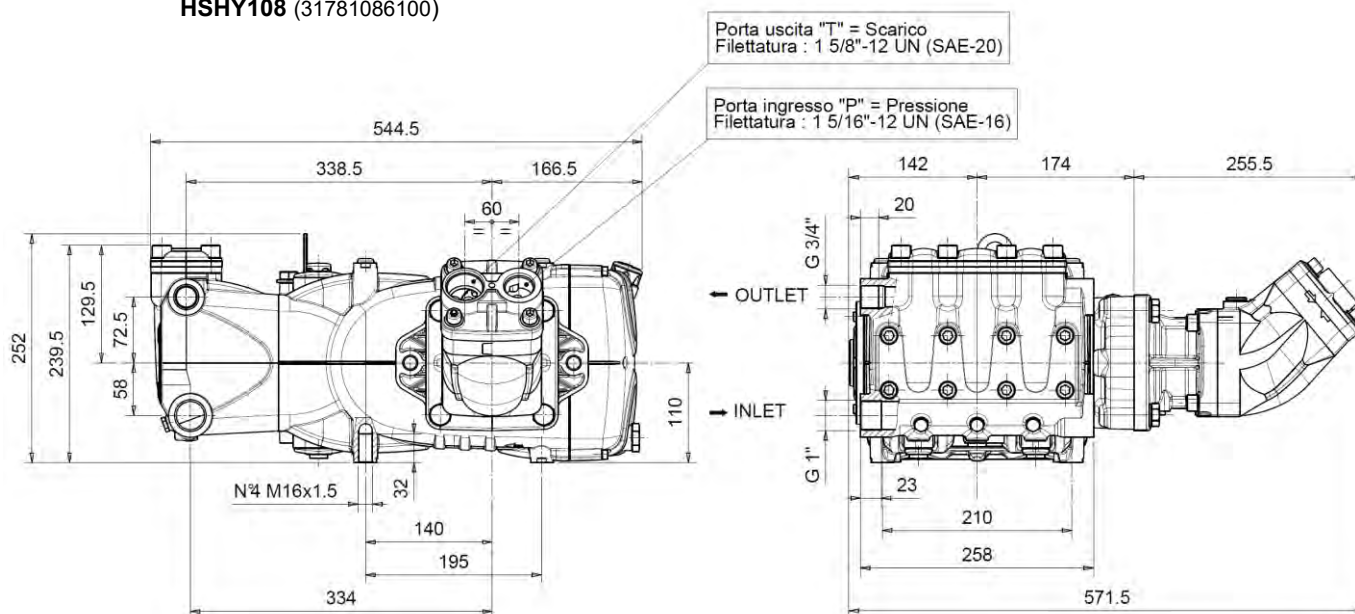
HSHY

POMPA ACQUA / WATER PUMP				Δp motore max / motor Δp max [bar]			
Modello Model	Portata Flow [l/min]	Pressione Pressure [bar]	GIRI [rpm]	36Y31V42200 117,3 cc/giro	Peso Weight [Kg]	31781086100 107,7 cc/giro	Peso Weight [Kg]
HS18	46	600	1200	265	116	290	95
HS20	57	500		275		295	
HS22	68	400		260		285	

HSHY117 (36Y31V42200)

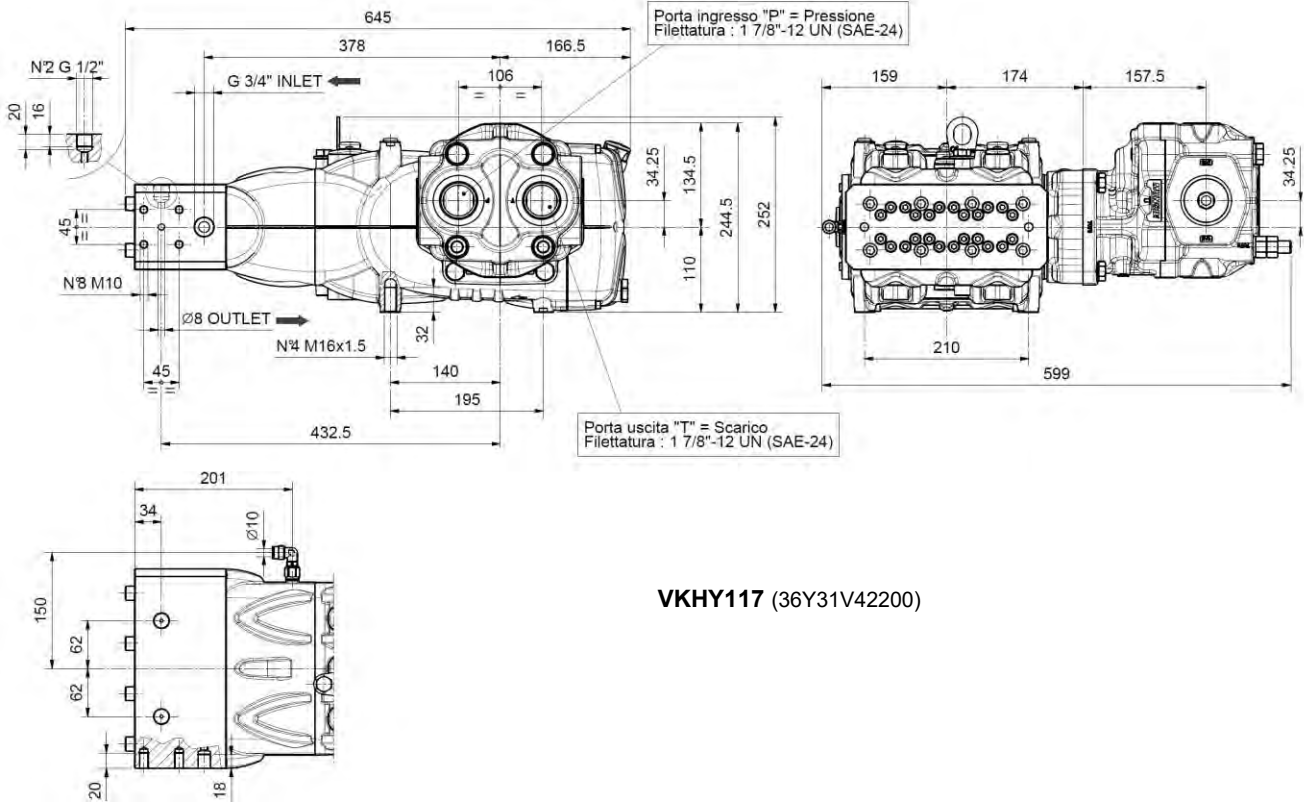


HSHY108 (31781086100)

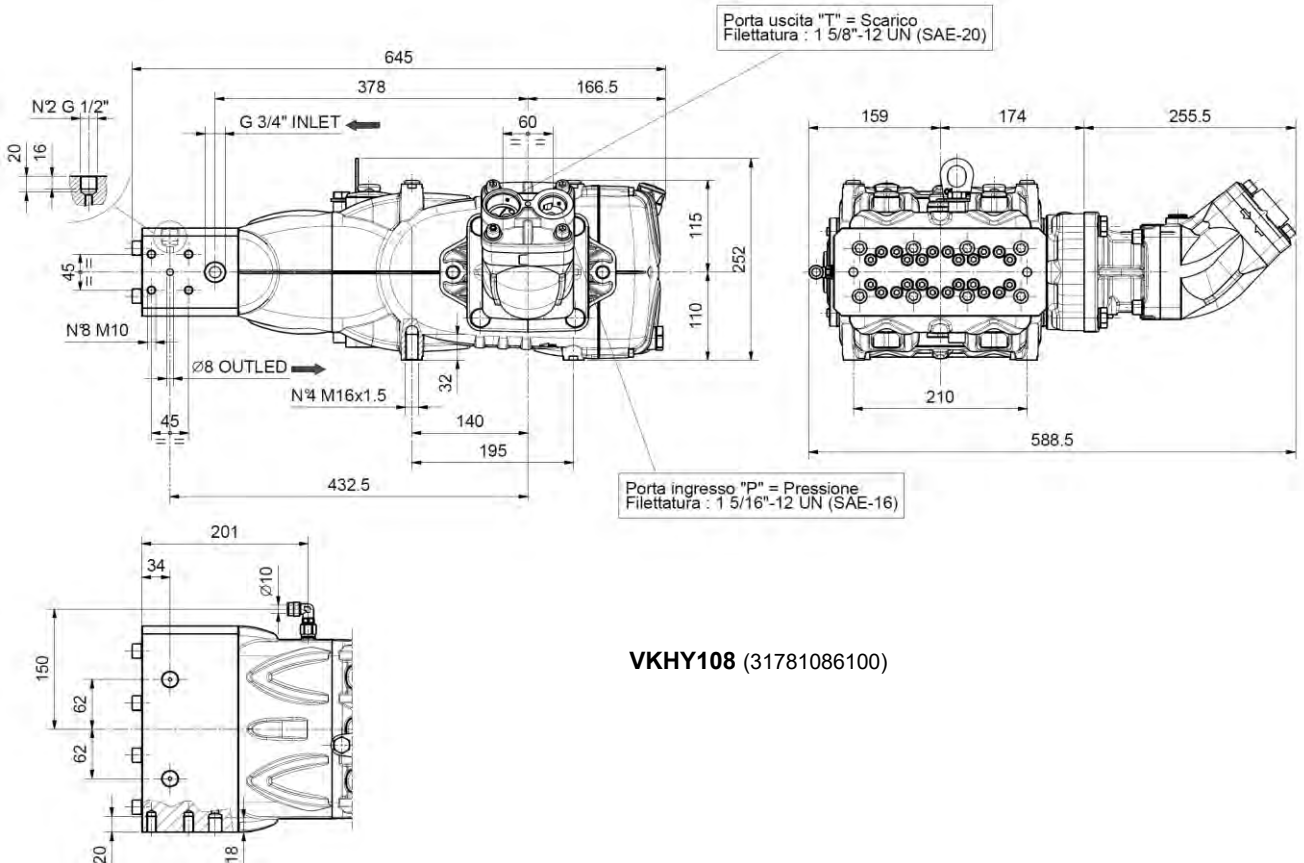


VKHY

POMPA ACQUA / WATER PUMP				Δp motore max / motor Δp max [bar]			
Modello Model	Portata Flow [l/min]	Pressione Pressure [bar]	GIRI [rpm]	36Y31V42200 117,3 cc/giro	Peso Weight [Kg]	31781086100 107,7 cc/giro	Peso Weight [Kg]
VK12	20	1500	1200	285	118	315	97
VK14	28	1100		295		320	



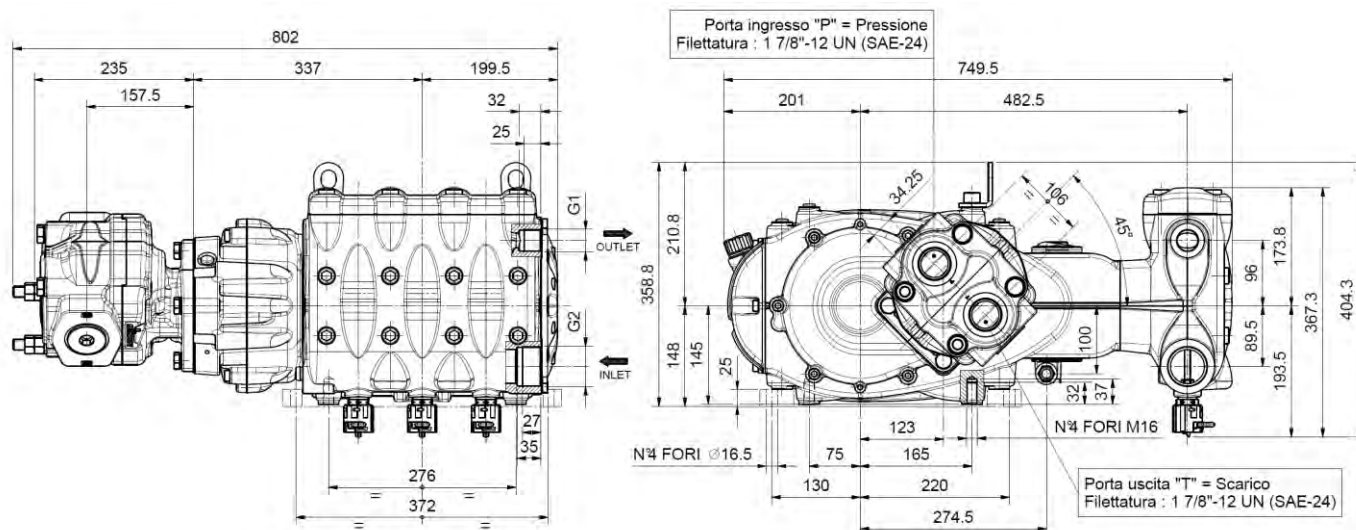
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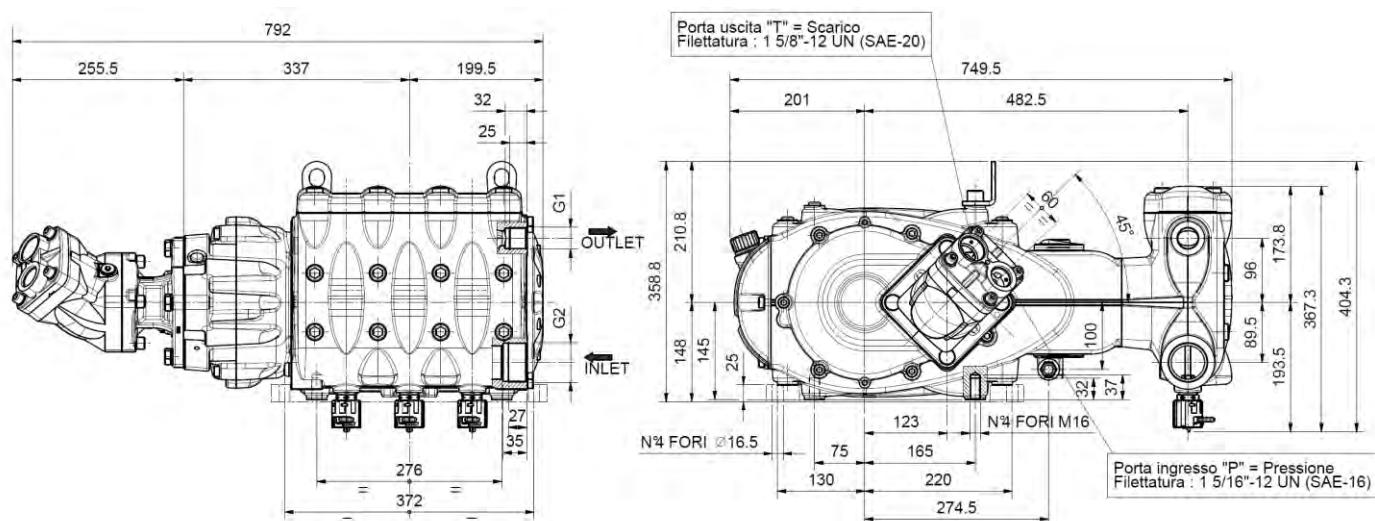
VKHY108 (31781086100)

POMPA ACQUA / WATER PUMP				Δp motore max / motor Δp max [bar]			
Modello Model	Portata Flow [l/min]	Pressione Pressure [bar]	GIRI [rpm]	36Y31V42200 117,3 cc/giro	Peso Weight [Kg]	31781086100 107,7 cc/giro	Peso Weight [Kg]
MW32	130	300	1800	250	298	270	277
MW36	171	240		260		285	
MW40	211	210		285		310	
MW45	267	155		265	293	290	272
MW50	330	125		265		285	
MW55	399	100		255		280	

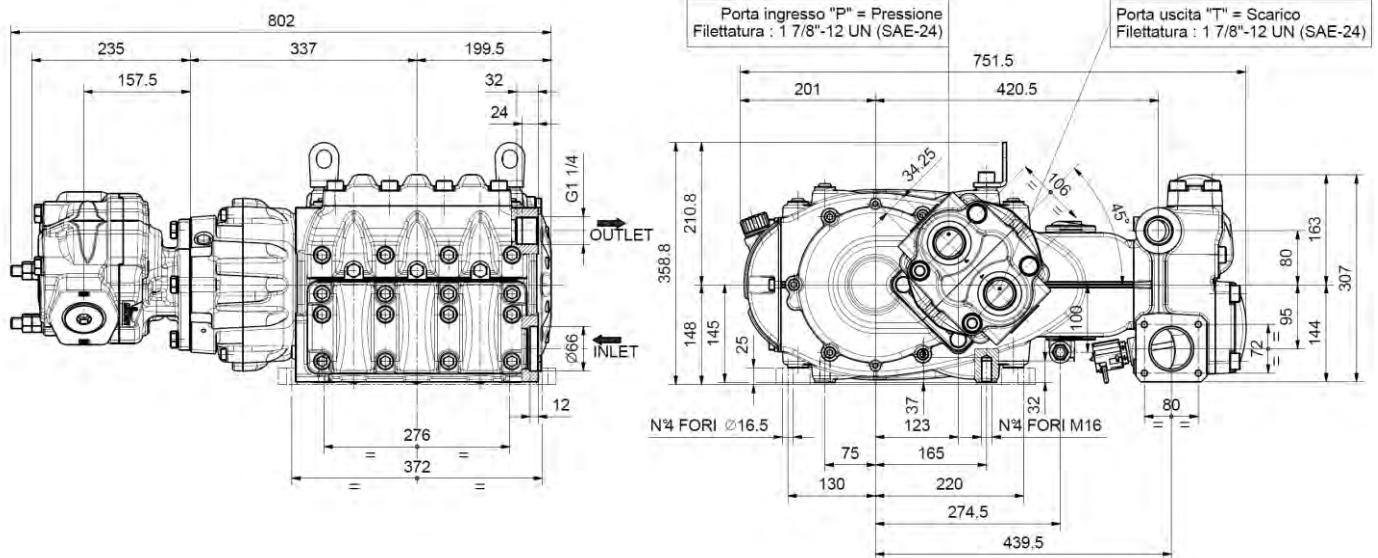
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MW32-36-40



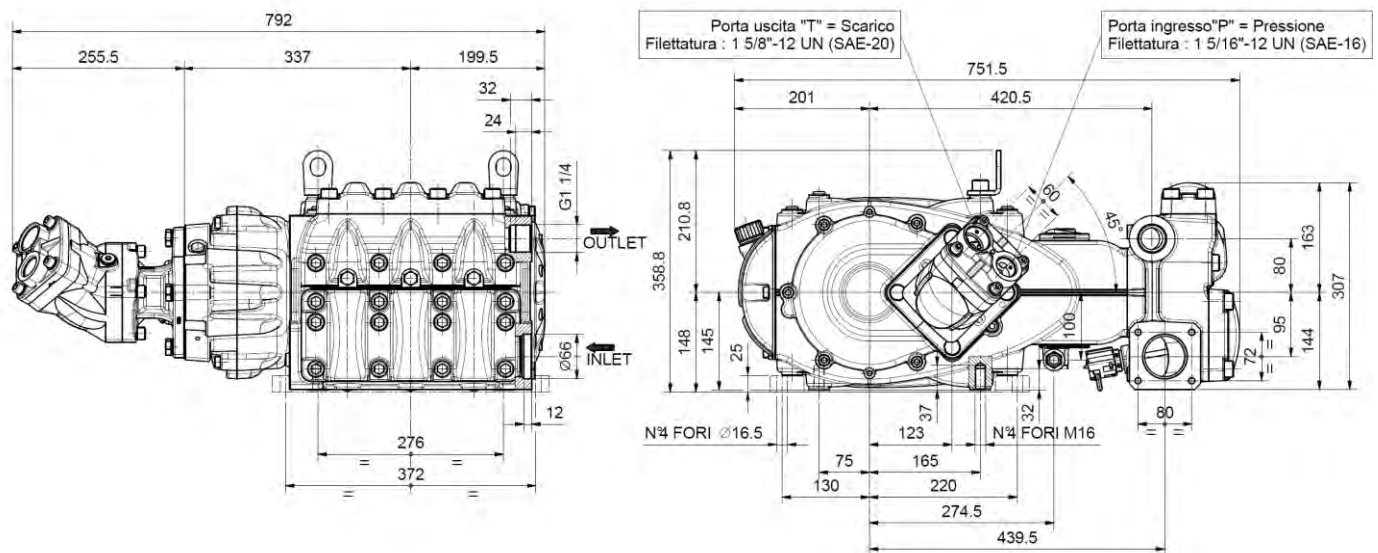
MWHY108HP (31781086100)
MW32-36-40



MWHY117LP (36Y31V42200)
MW45-50-55

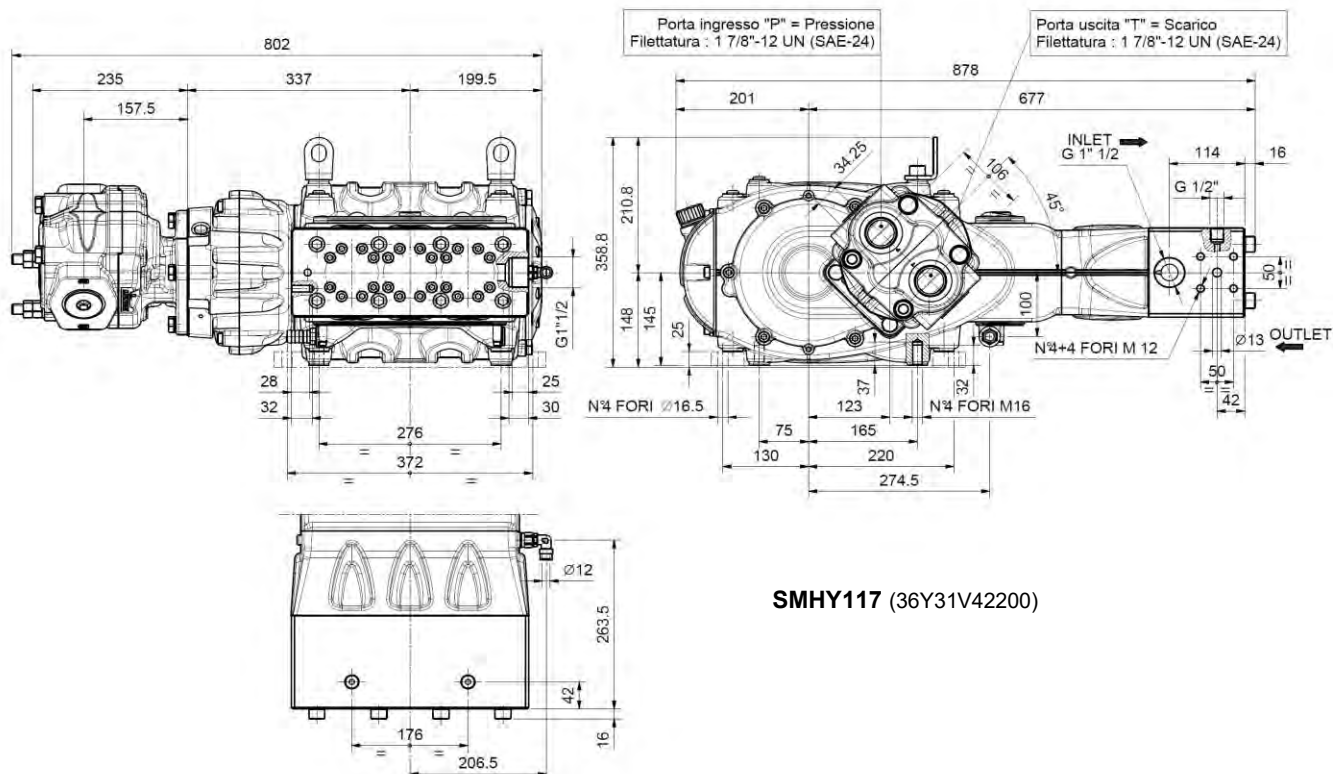


MWHY108LP (31781086100)
MW45-50-55

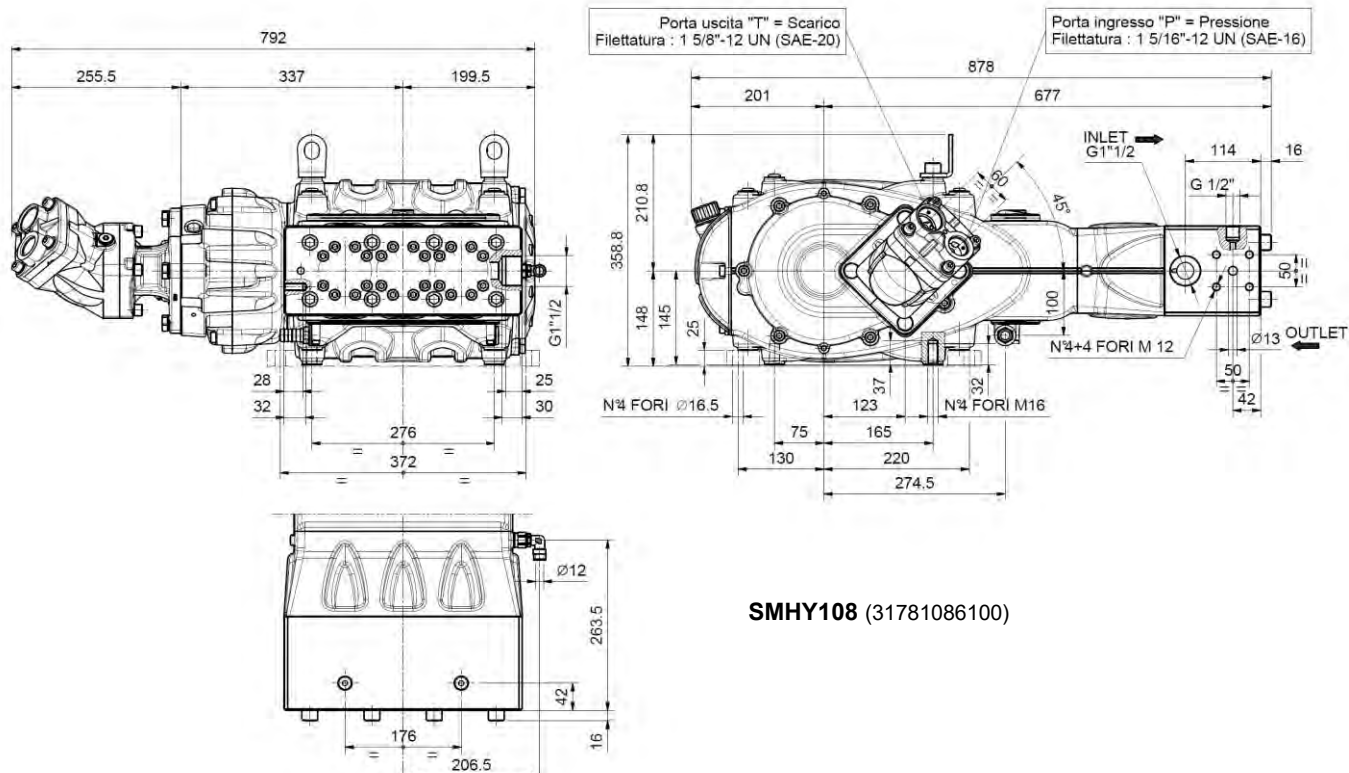


SMHY

POMPA ACQUA / WATER PUMP				Δp motore max / motor Δp max [bar]			
Modello Model	Portata Flow [l/min]	Pressione Pressure [bar]	GIRI [rpm]	36Y31V42200 117,3 cc/giro	Peso Weight [Kg]	31781086100 107,7 cc/giro	Peso Weight [Kg]
SM14	26	1500	1800	250	298	270	277
SM16	34	1200		260		285	
SM18	43	900		245		270	
SM20	53	750		255		275	
SM22	64	600		245		265	
SM24	76	500		245		265	



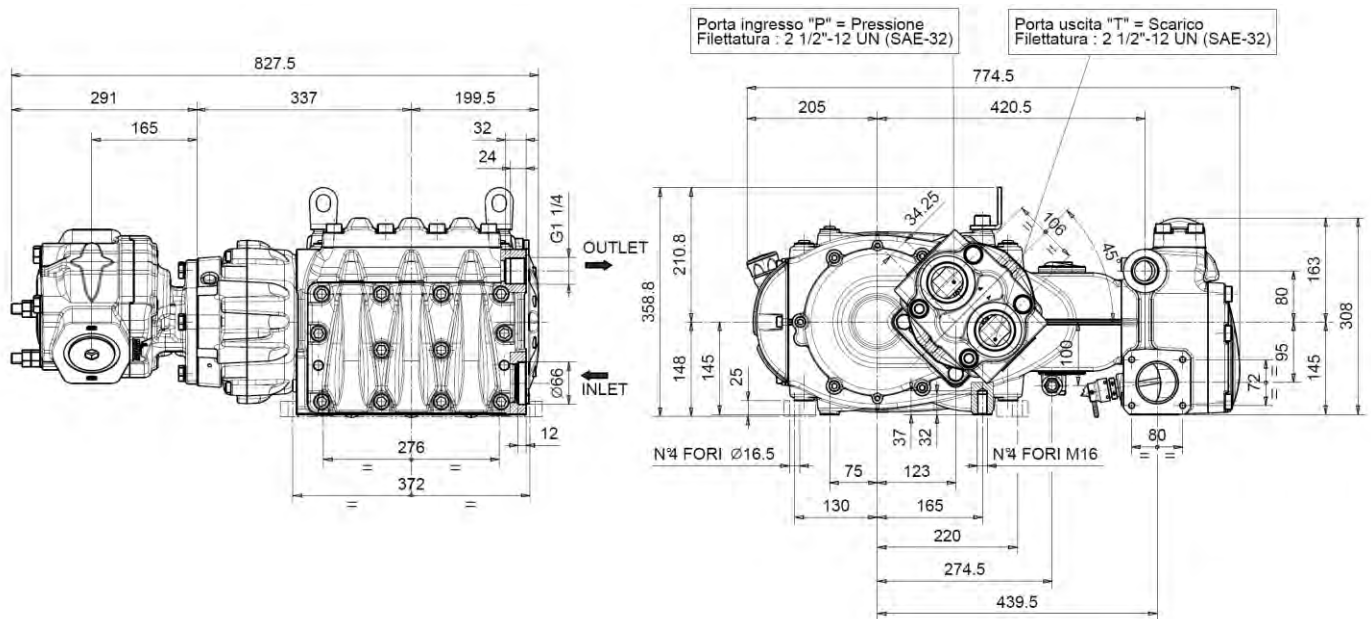
SMHY117 (36Y31V42200)

**SMHY108** (31781086100)

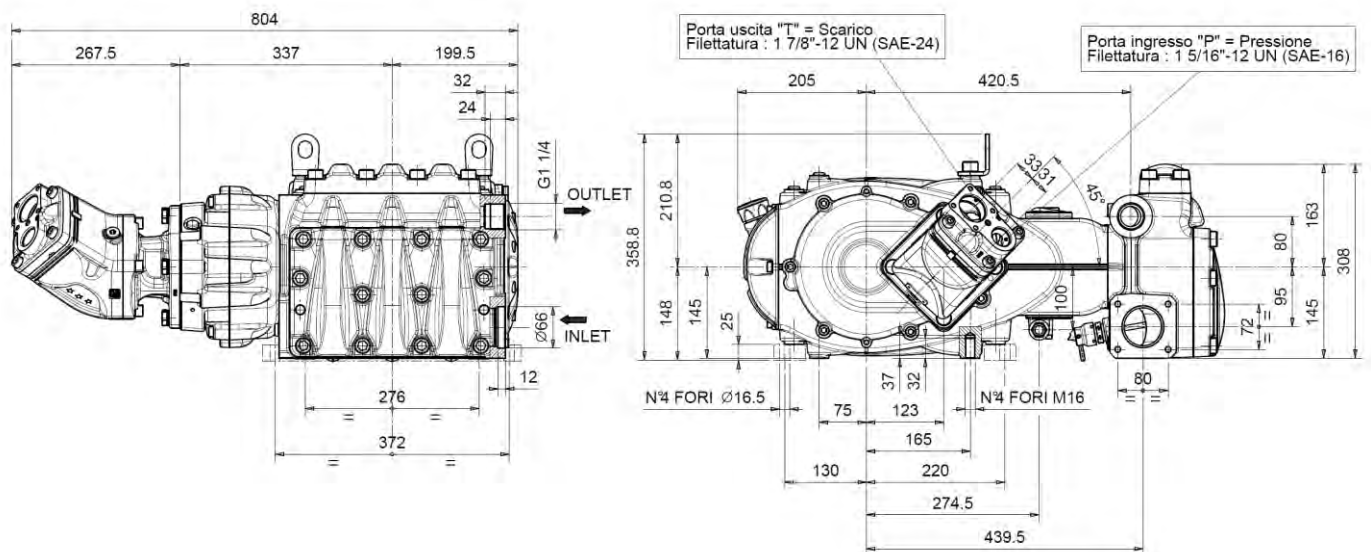
MFHY

POMPA ACQUA / WATER PUMP				Δp motore max / motor Δp max [bar]			
Modello Model	Portata Flow [l/min]	Pressione Pressure [bar]	GIRI [rpm]	36Y49V42200 183,4 cc/giro	Peso Weight [Kg]	31781306100 130,1 cc/giro	Peso Weight [Kg]
MF45	270	200	1800	220	302	310	279
MF50	333	170		230		325	
MF55	403	140		230		325	

MFHY184 (36Y49V42200)



MFHY130 (31781306100)



MKHY

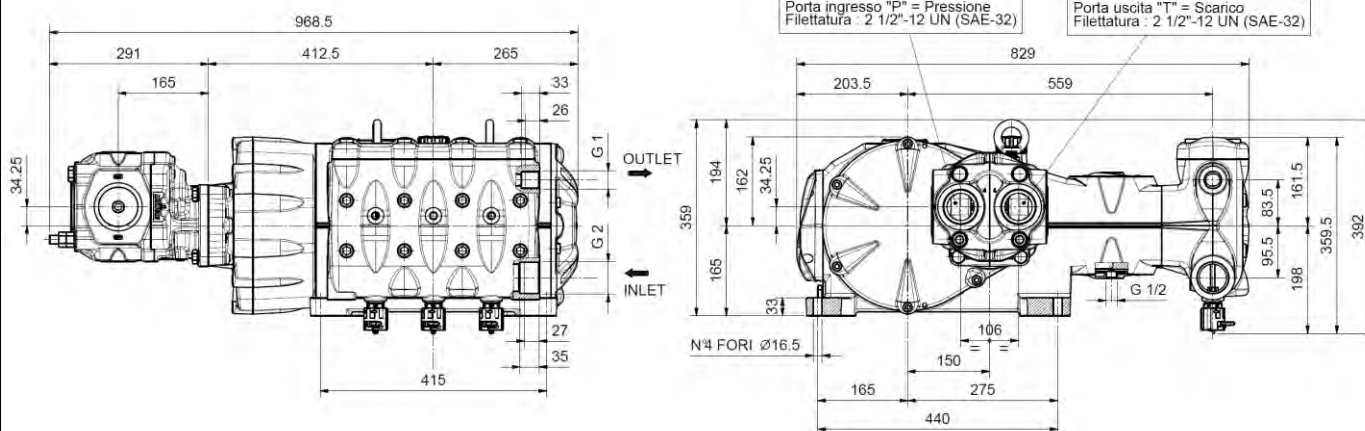
POMPA ACQUA / WATER PUMP				Δp motore max / motor Δp max [bar]			
Modello Model	Portata Flow [l/min]	Pressione Pressure [bar]	GIRI [rpm]	36Y49V42200 183,4 cc/giro	Peso Weight [Kg]	31781306100 130,1 cc/giro	Peso Weight [Kg]
MK40	154	400	2050	220	435	310	412
MK45	194	300		210		295	
MK50	240	250		215		305	
MK55	290	200		210	449	295	426
MK60	346	170		210		300	
MK65	406	150		220		310	

MKSHY

POMPA ACQUA / WATER PUMP				Δp motore max / motor Δp max [bar]			
Modello Model	Portata Flow [l/min]	Pressione Pressure [bar]	GIRI [rpm]	36Y49V42200 183,4 cc/giro	Peso Weight [Kg]	31781306100 130,1 cc/giro	Peso Weight [Kg]
MKS40	183	400	2500	215	435	305	412
MKS45	232	300		205		290	
MKS50	287	250		170		240	
MKS55	347	200		205	449	290	426
MKS60	413	170		205		290	
MKS65	485	150		215		300	

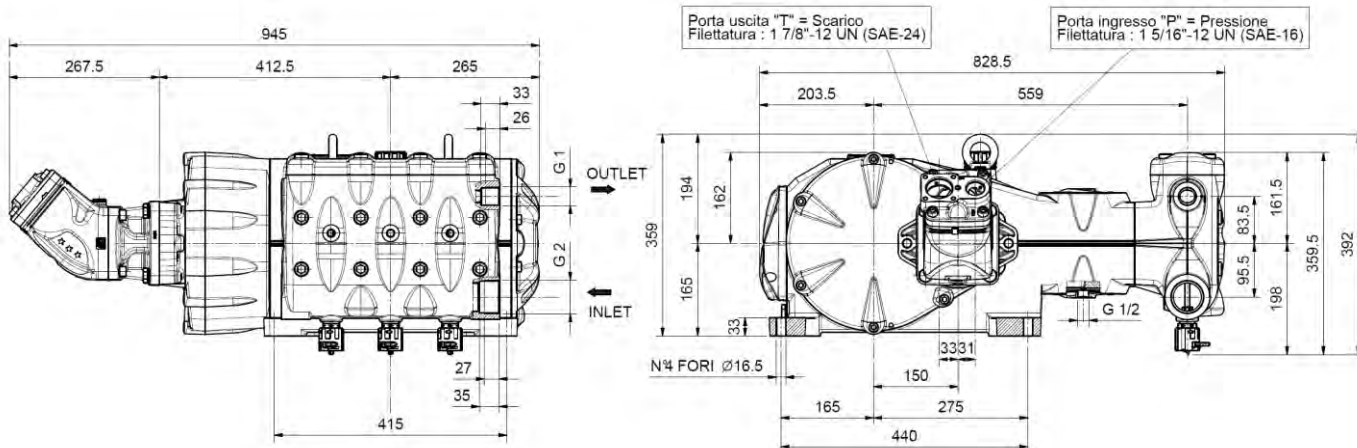
MK40-45-50

MKS40-45-50

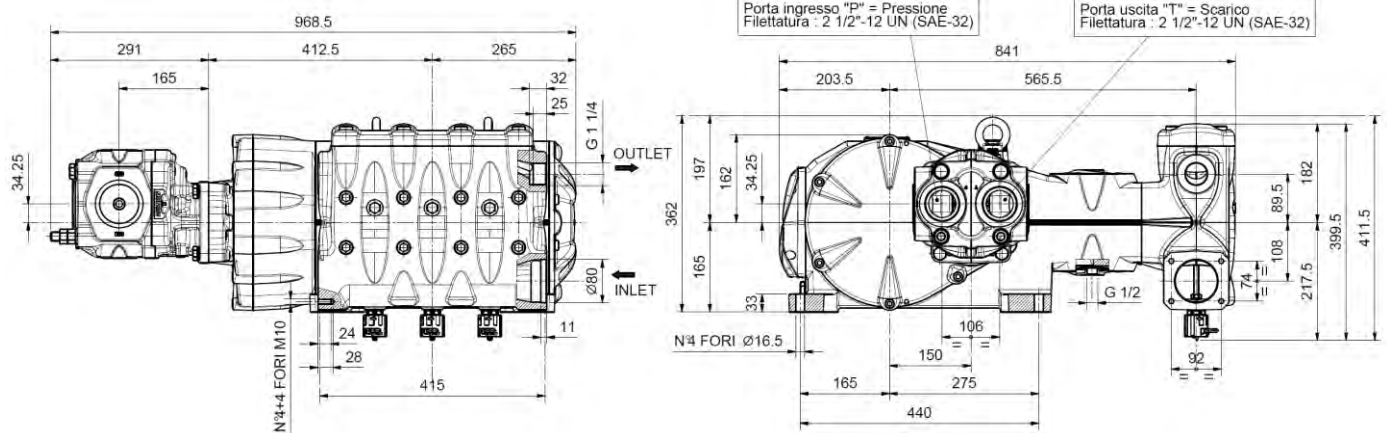


MK40-45-50

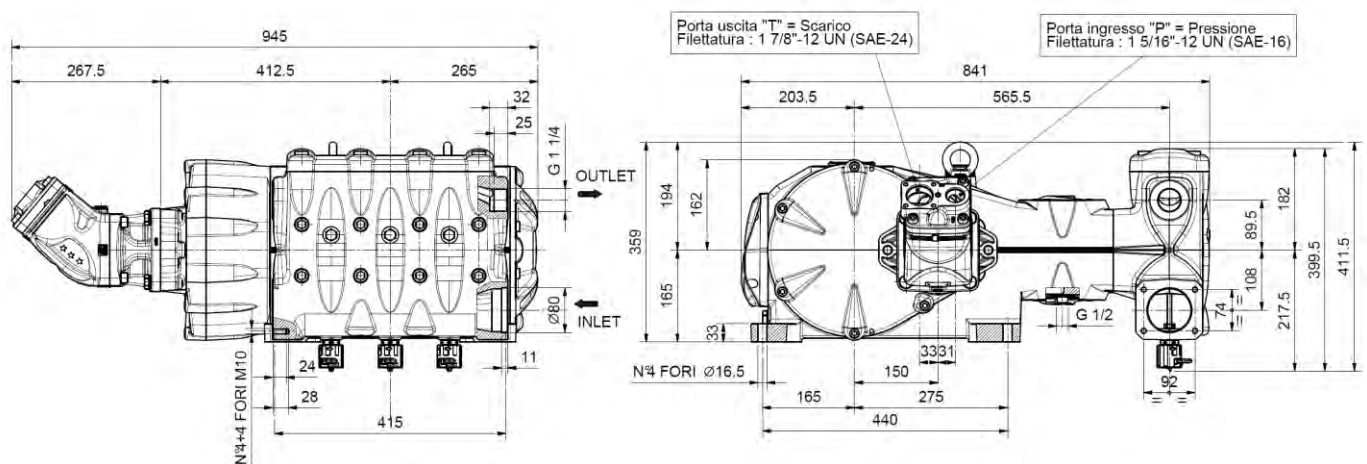
MKS40-45-50



MKHY184LP (36Y49V42200)
 MK55-60-65
MKSHY184LP (36Y49V42200)
 MKS55-60-65

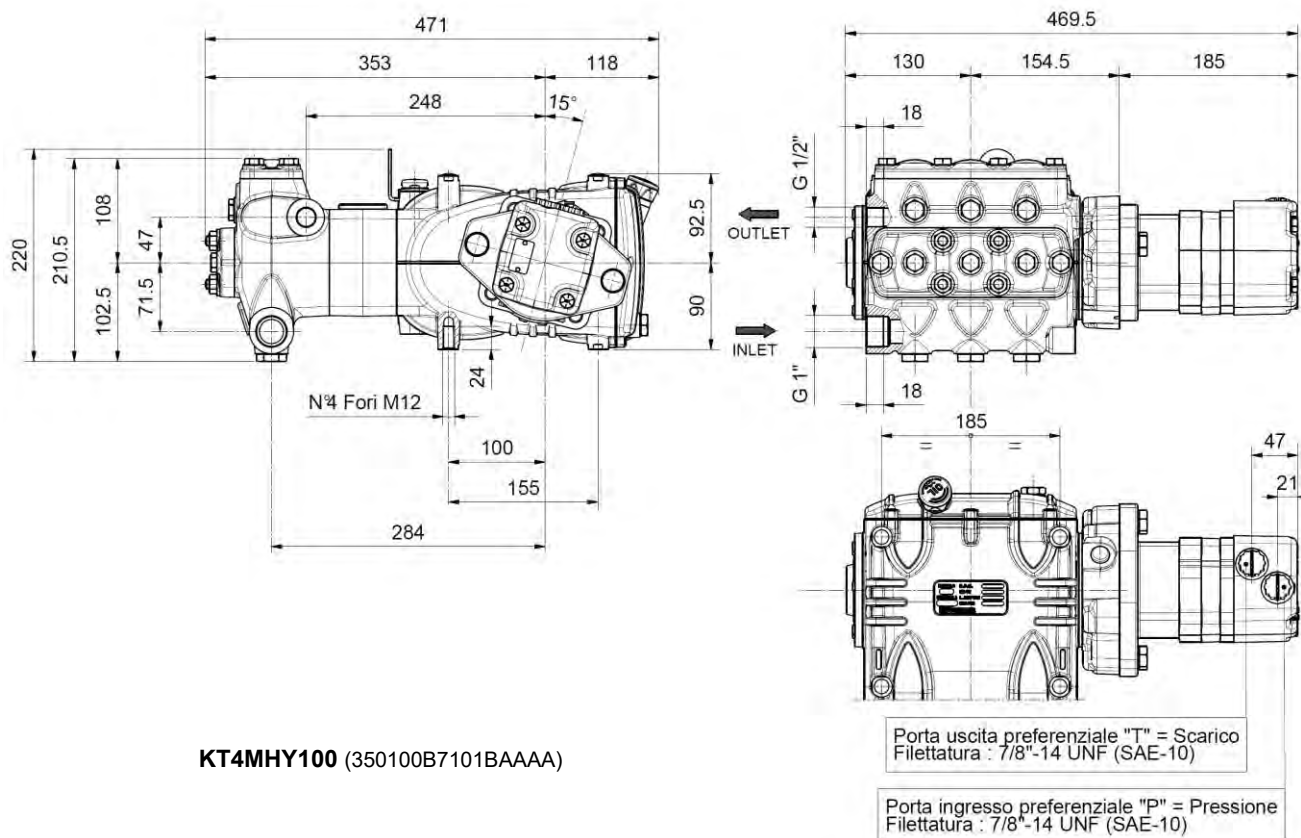


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 MK55-60-65
MKSHY130LP (31781306100)
 MKS55-60-65



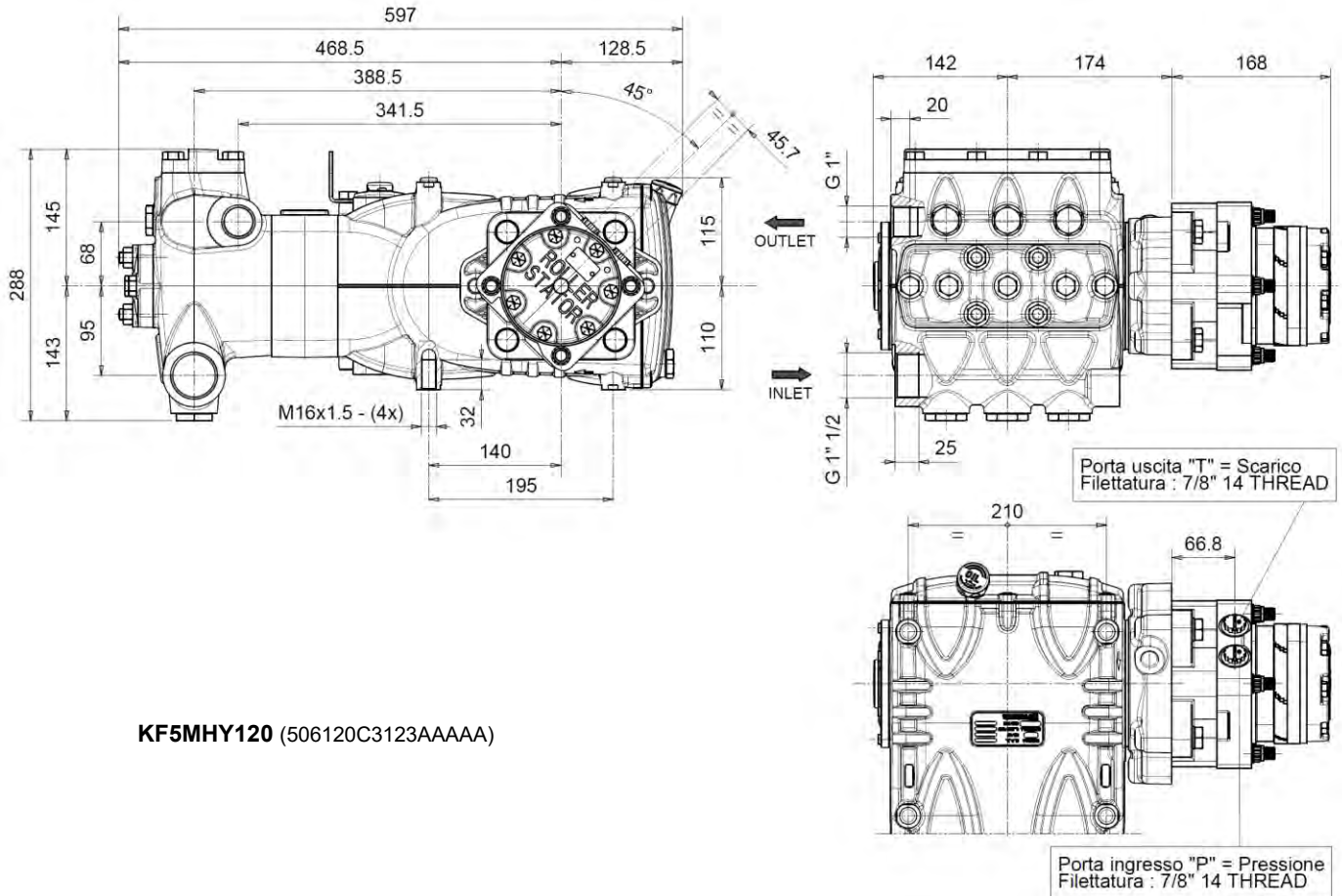
KTMHY

POMPA ACQUA / WATER PUMP				Δp motore max motor Δp max [bar]	
Modello Model	Portata Flow [l/min]	Pressione Pressure [bar]	GIRI [rpm]	350100B7101BAAAA 100 cc/giro	Peso Weight [Kg]
KT4M	35	50	280	85	54



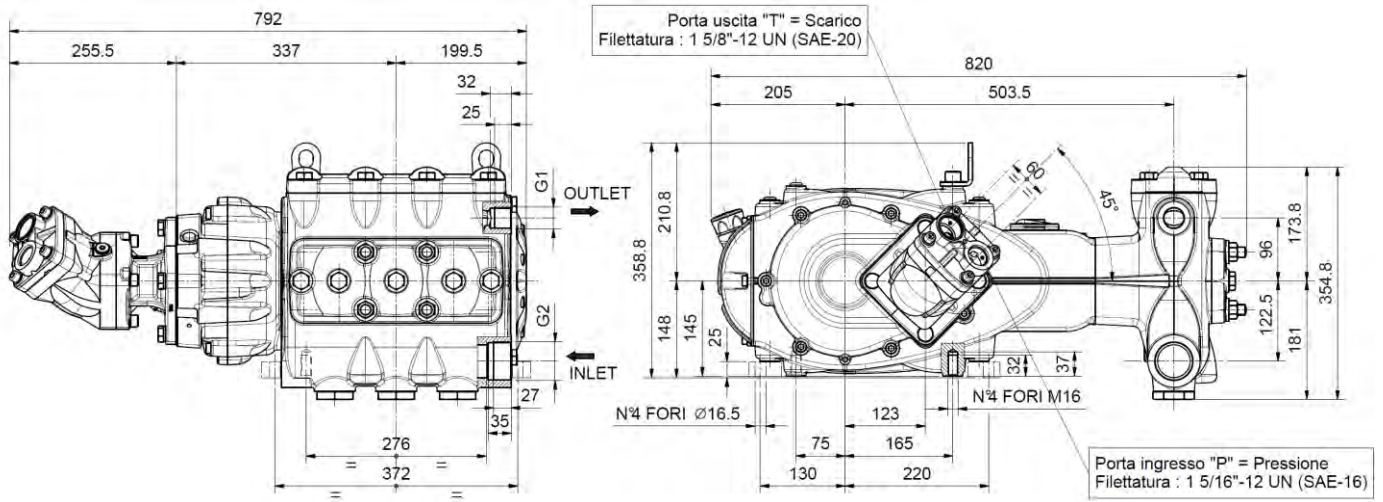
KFMHY

POMPA ACQUA / WATER PUMP				Δp motore max / motor Δp max [bar]					
Modello Model	Portata Flow [l/min]	Pressione Pressure [bar]	GIRI [rpm]	506120C3123AAAAA 120 cc/giro	Peso Weight [Kg]	506200C3123AAAAA 200 cc/giro	Peso [Kg]	31780846100 84,4 cc/giro	Peso Weight [Kg]
KF5M5B	109	50 / 90	370 / 540	165 / -	87			- / 160	86
KF5M9B	109	50 / 90				175 / -	88	- / 290	



MFMHY

POMPA ACQUA / WATER PUMP				Δp motore max motor Δp max [bar]	
Modello Model	Portata Flow [l/min]	Pressione Pressure [bar]	GIRI [rpm]	31780846100 84,4 cc/giro	Peso Weight [Kg]
MF7M5B	202	50	700	231	272
MF7M5D	254	50	880	231	
MF7M7B	202	75	700	346	
MF7M7D	254	75	880	346	

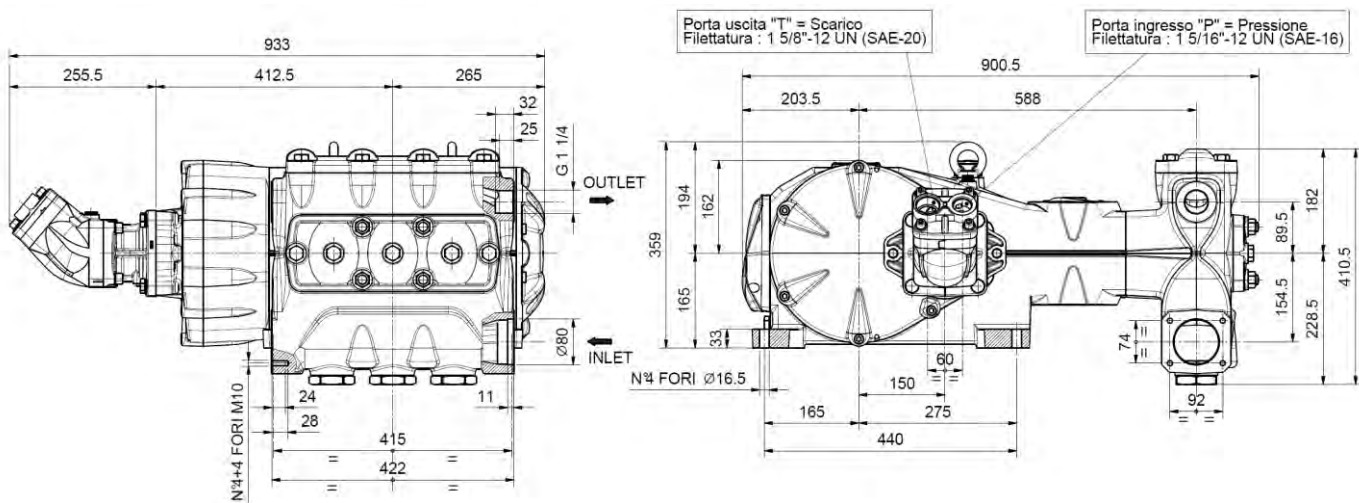
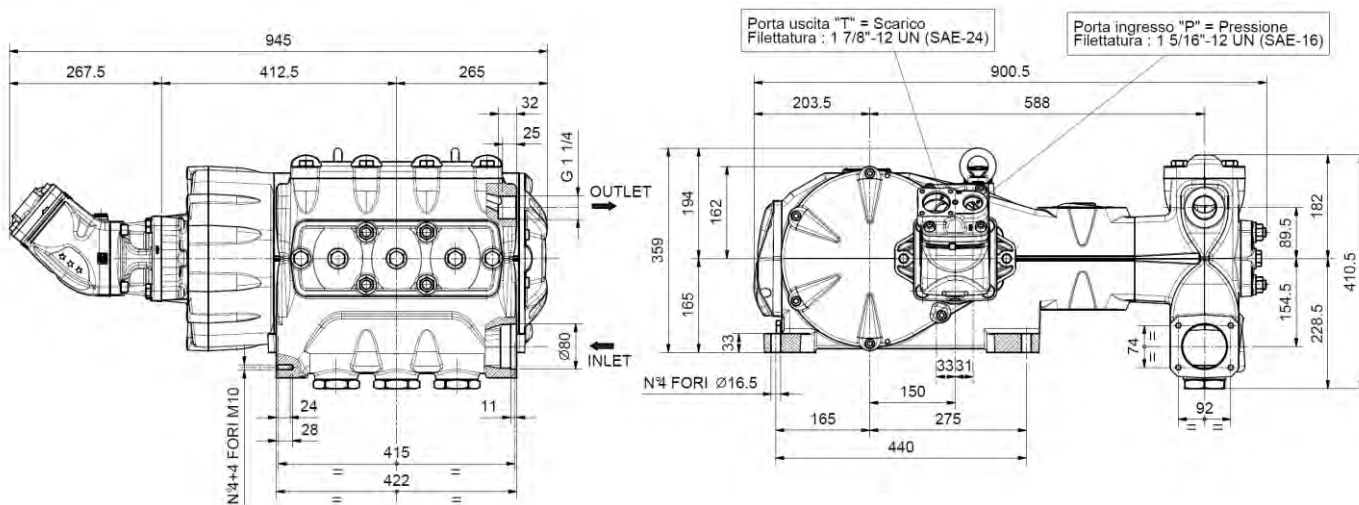


MF7MHY84 (31780546100)

MKMHY

POMPA ACQUA / WATER PUMP				Δp motore max / motor Δp max [bar]			
Modello Model	Portata Flow [l/min]	Pressione Pressure [bar]	GIRI [rpm]	31781086100 107,7 cc/giro	Peso [Kg]	31781306100 130,1 cc/giro	Peso Weight [Kg]
MK9M5B	209	50	570	230	424		
MF9M5D	397	50	1080	230			
MK9M8B	209	80	570			305	426
MK9M8D	397	80	1080			305	

MK9MHY108 (31781086100)

**MK9MHY130** (31781306100)

CALCOLO PRESTAZIONI POMPA OLEODINAMICA

CALCULATING OLEODYNAMIC SYSTEM

E' possibile verificare il regime e la pressione che la pompa oleodinamica dovrà fornire per ottenere le prestazioni di targa della motopompa utilizzando le seguenti indicazioni :

You can calculate the r.p.m. and the pressure that the oleodynamic pump must supply in order to obtain the target performances of motor-pump; you can use the following formula :

$$\text{RPM (pompa)} = \frac{V_{\text{motore}}}{V_{\text{pompa}}} \cdot \text{RPM (motore)} \cdot \frac{1}{0,85}$$

$$\Delta P (\text{pompa}) \simeq \Delta P \text{ motore}$$

V = Clindrata (cc/giro)
Displacement

RPM = Giri/min

ΔP = Caduta di pressione
Drop pressure

Esempio :

Example:

Pompa acqua KE20 (30lt.min. / 300 bar) con il motore 36G13E42200 :
KE20 water pump (30lt.min. / 300 bar) with motor 36G13E42200 :

$$\text{RPM (pompa)} = \frac{47,9}{V_{\text{pompa}}} \cdot 1450 \cdot \frac{1}{0,85}$$

con il motore 31780646200 :
with motor 36G13E42200 :

$$\text{RPM (pompa)} = \frac{64,1}{V_{\text{pompa}}} \cdot 1450 \cdot \frac{1}{0,85}$$

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