

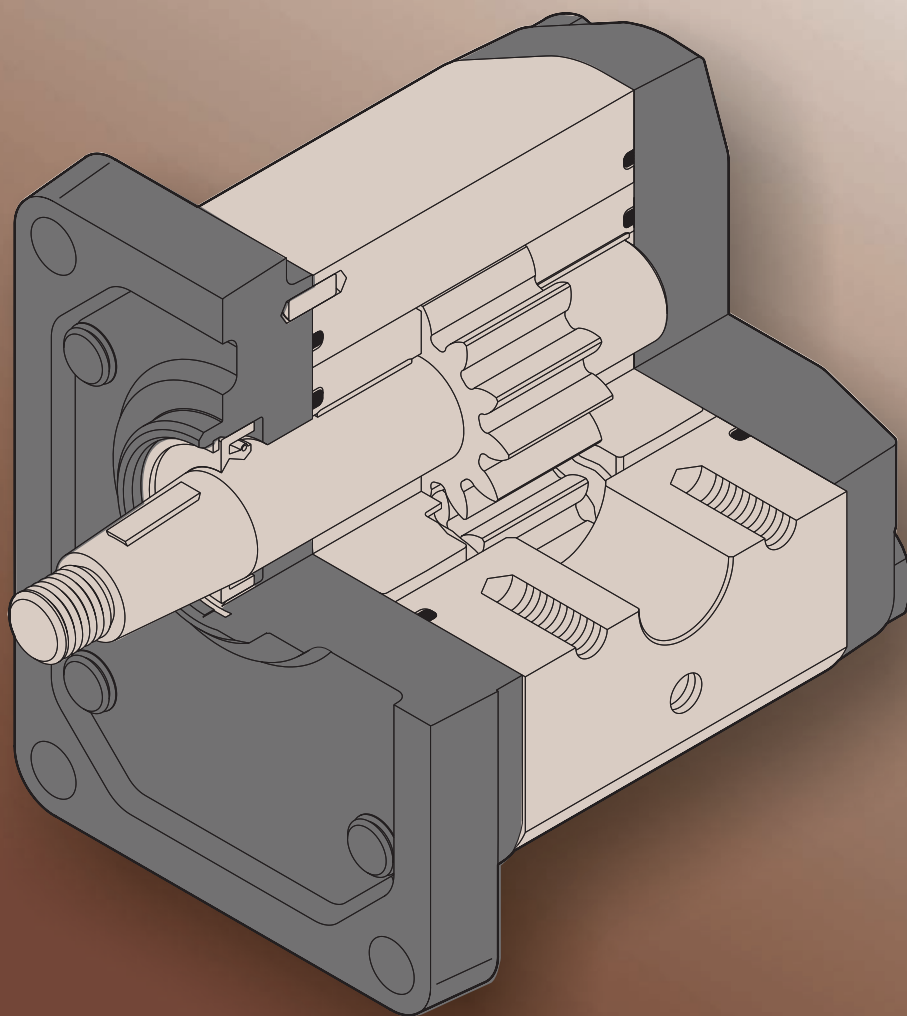


(微 信 客 服)



MARZOCCHIPOMPE
HIGH PRESSURE GEAR PUMPS

 **亨力液压**
— HENGLI HYDRAULIC —



GHP 系列 齿轮 泵

www.szhlyy.com

GAMMA DI PRODOTTO

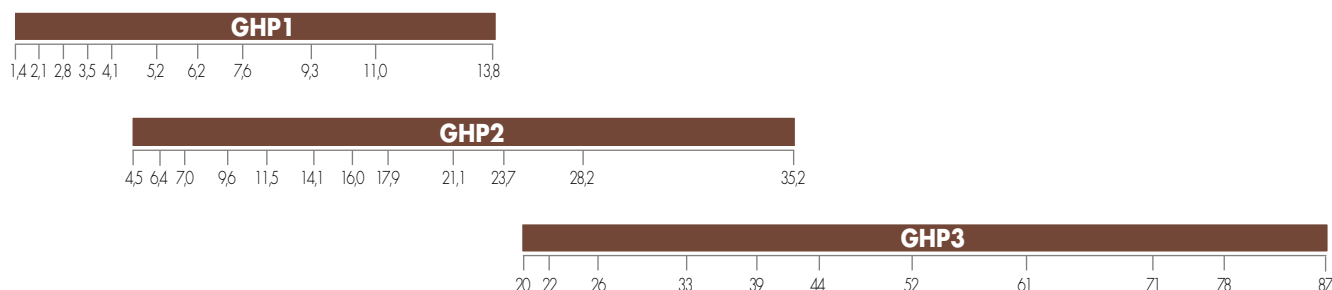
Le pompe ad ingranaggi Marzocchi serie GHP sono prodotte in tre differenti gruppi. All'interno di ognuno, le diverse cilindrata (comprese tra 1.4 e 87 cm³/giro) si ottengono variando lo spessore di fascia dentata dell'ingranaggio.

La nostra gamma di produzione permette di poter scegliere diverse opzioni di flange, alberi o porte d'aspirazione e mandata.

Sono inoltre disponibili versioni di:

- pompe reversibili (campo ROTAZIONE "R")
- pompe con sistemi di trasmissione indipendente (campo OPZIONE "T" o "RA")

Le cilindrata disponibili sono espresse nel seguente schema:



cilindrata [cm³/giro] - displacement [cm³/rev]

VERSIONI SPECIALI

Alcuni modelli di pompe della serie GHP sono anche disponibili in versioni per utilizzi speciali:

- "V"** Versione per impieghi con fluido ad alte temperature. Campo di utilizzo da -10°C a +120°C. Tra -10°C e +80°C sono permesse P1, P2 e P3 come da tabella prodotto; oltre, non eccedere P1.
- "VV"** Versione per impieghi con fluido ad alte temperature. Campo di utilizzo da -10°C a +150°C con pressione massima 20 bar.
- "ST"** Versione per impieghi con fluido ad alte e basse temperature. Campo di utilizzo da -40°C a +120°C. Tra -10°C e +80°C sono permesse P1, P2 e P3 come da tabella prodotto; al di sotto e oltre, non eccedere P1.
- "H"** Versione per impieghi con fluido a basse temperature. Campo di utilizzo da -40°C a +80°C. Tra -10°C e +80°C sono permesse P1, P2 e P3 come da tabella prodotto; al di sotto, non eccedere P1.
- "TR"** Versione per impieghi con pressione in aspirazione fino ad un massimo di 6 bar assoluti.

Le qui sopra sigle identificative sono da specificarsi nei campi GUARNIZIONI e/o OPZIONI.

Il nostro Ufficio Tecnico-Commerciale è disponibile a consigliarvi il prodotto più adatto ed è disponibile a considerare ogni condizione d'uso non sia esplicitamente citata in questa pubblicazione.

PRODUCT RANGE

Marzocchi gear pumps of the serie GHP are produced in three different groups. Within each of them, the different displacements (between 1.4 and 87 cm³/rev) are obtained using different width of the gears.

Different flanges, shafts, inlet and pressure ports are available.

The following items are also available:

- reversible pumps (field ROTATION "R")
- pumps with independent driving systems (field OPTION "T" or "RA")

Available displacements are indicated below:

SPECIAL VERSIONS

The pumps of the serie GHP are also available for special uses:

- "V"** Version suitable for fluid at hi-temperatures. Range between -10°C and +120°C. In the range between -10 °C and +80°C pressures P1, P2 and P3 are possible as per the product table; beside that P1 should not be exceeded
- "VV"** Version suitable for fluid at high temperatures. Range between -10°C and +150°C with max. pressure = 20 bar
- "ST"** Version suitable for fluid at hi- or low-temperature. Range between -40°C and +120°C. In the range between -10 °C and +80°C pressures P1, P2 and P3 are possible as per the product table; beside that P1 should not be exceeded
- "H"** Version suitable for fluid at low-temperature. Range between -40°C and +80°C. In the range between -10 °C and +80°C pressures P1, P2 and P3 are possible as per the product table; beside that P1 should not be exceeded
- "TR"** Version suitable for inlet pressure up to max. 6 bar absolute.

The above descriptions are to be specified in the field SEAL and/or OPTIONS.

Please call our Technical and Sales Depts. for your application requirements and any special use not included in this catalogue.

GHP1

COME ORDINARE / HOW TO ORDER

GHP1	TIPO TYPE	ROTAZIONE ROTATION	TAGLIA SIZE	ALBERO* SHAFT*	PORTE* PORTS*	GUARNIZIONI* SEALS*	OPZIONI* OPTIONS*	DRENAGGIO* DRAIN*
	omit	D DESTRA CLOCKWISE	2					
	A	S SINISTRA COUNTER CLOCKWISE	3					
	AQ	R** REVERSIBILE REVERSIBLE	4					
	A2		5					
			6					
			7					
			9					
			11					
			13					
			16					
			20					

Guarnizioni / Seals

omit (T range = -10°C + 80°C)

V

H

...

Opzioni / Options

TR

RA

...

Drenaggio (solo per rotazione R)
Drain (only for R rotation)

E0 = drenaggio interno/internal drain

E1 = drenaggio esterno/external drain G1/4

*** E2 = drenaggio esterno/external drain 9/16-18 UNF

...

(*) = campi da specificare se diversi dallo standard
 "tipo pompa" / to be specified if different from
 standard pump type

(**) = La rotazione reversibile R è disponibile per tutte le
 taglie indicate / R rotation is available for all
 listed displacements

(***) = La porta di drenaggio "E2" è lavorata secondo la
 specifica SAE J1926/1 (ISO 11926-1) relativa a
 porte filettate con tenuta O-ring. Profondità utile
 12,7 mm. / "E2" drain port is machined in
 compliance with threaded port with O-ring seal in
 truncated housing SAE J1926/1 (ISO 11926-1).
 Thread depth 12,7 mm.

Tipi Pompa Standard / Pump Standard Types

omit	= flangia europea + albero T0 + porte E + guarnizioni standard / european flange + shaft T0 + ports E + standard seals
A	= flangia A + albero C1 + porte FA + guarnizioni standard / flange A + shaft C1 + ports FA + standard seals
AQ	= flangia AQ + albero C2 + porte FA + guarnizioni standard / flange AQ + shaft C2 + ports FA + standard seals
A2	= flangia A2 + albero C3 + porte FA + guarnizioni standard / flange A + shaft C3 + ports FA + standard seals

Esempi / Examples:

GHP1-D-2 =	pompa destra, 1.4 cc/rev, flangia europea, albero conico 1:8, porte flangiate tipo E, guarnizioni standard clockwise rotation, 1.4 cc/rev, european flange, 1:8 tapered shaft, flanged ports E type, standard seals
GHP1-D-2-FG-V =	pompa destra, 1.4 cc/rev, flangia europea, albero conico 1:8, porte GAS (FG), guarnizioni per alta temperatura (V) clockwise rotation, 1.4 cc/rev, european flange, 1:8 tapered shaft, threaded ports (FG), high temperature seals (V)
GHP1A-D-2-S1 =	pompa destra, 1.4 cc/rev, flangia SAE A-A 2 fori, albero scanalato (S1), porte filettate (FA), guarnizioni standard clockwise rotation, 1.4 cc/rev, SAE A-A 2 bolt flange, splined shaft 9T (S1), threaded ports (FA), standard seals

LE TAVOLE DI PRODOTTO RAPPRESENTANO I TIPI POMPA STANDARD PER MARZOCCHI POMPE. LE TAVOLE SINOTTICHE DI FLANGE, ALBERI E PORTE HANNO LO SCOPO DI RAPPRESENTARE TUTTE LE POSSIBILI CONFIGURAZIONI DI PRODOTTO. PER MAGGIORI DETTAGLI SULLE DISPONIBILITÀ E CONDIZIONI DI FORNITURA, CONSIGLIAMO DI INTERPELLARE IL NOSTRO UFFICIO TECNICO-COMMERCIALE.

THE PRODUCT DATA SHEETS SHOW OUR STANDARD MODEL TYPES. THE SYNOPSIS TABLES FOR FLANGES, SHAFTS AND PORTS SHOW ALL THE POSSIBLE CONFIGURATIONS. FOR FURTHER DETAILS ABOUT THE AVAILABILITY OF EACH CONFIGURATION PLEASE CONTACT OUR SALES AND TECHNICAL DEPT.

GHP1

Parti accessorie a corredo della pompa standard: linguetta a disco (codice 522054), dado M10x1 (codice 523015), rosetta elastica spaccata (codice 523004).

Porte standard: filetti M6 profondità utile 13 mm.

Accessories supplied with the standard pump:

woodruff key (code 522054),

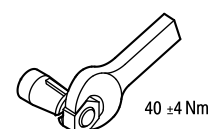
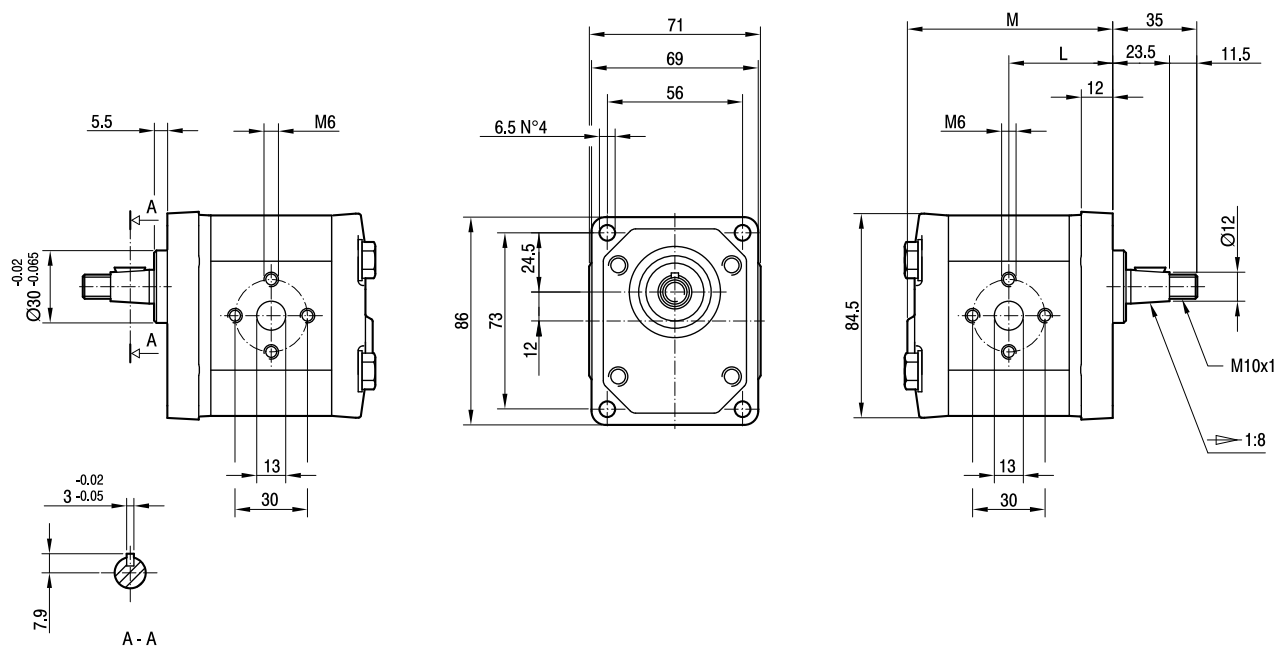
M10x1 exagonal nut (code 523015),

washer (code 523004).

Standard ports: M6 threads depth 13 mm.

MANDATA
OUTLET

ASPIRAZIONE
INLET



TIPO TYPE	CILINDRATA DISPLACEMENT	PORTATA a 1500 giri/min FLOW at 1500 rev/min	PRESSIONI MASSIME MAX PRESSURE			VELOCITÀ MASSIMA MAX SPEED	DIMENSIONI DIMENSIONS	
			P ₁	P ₂	P ₃		L	M
	cm ³ /giro [cm ³ /rev]	litri/min [litres/min]	bar	bar	bar	giri/min [rpm]	mm	mm
GHP1-D-2	1,4	2,0	270	290	310	6000	40	79
GHP1-D-3	2,1	2,9	270	290	310	6000	41	81
GHP1-D-4	2,8	3,9	270	290	310	5000	42	83
GHP1-D-5	3,5	4,9	270	290	310	5000	43	85
GHP1-D-6	4,1	5,9	270	290	310	4000	44	87
GHP1-D-7	5,2	7,4	260	275	290	4000	45,5	90
GHP1-D-9	6,2	8,8	260	275	290	3800	47	93
GHP1-D-11	7,6	10,8	230	245	260	3200	49	97
GHP1-D-13	9,3	13,3	210	225	240	2600	51,5	102
GHP1-D-16	11,0	15,7	200	215	230	2200	54	107
GHP1-D-20	13,8	19,7	180	195	210	1800	58	115

GHP1AQ

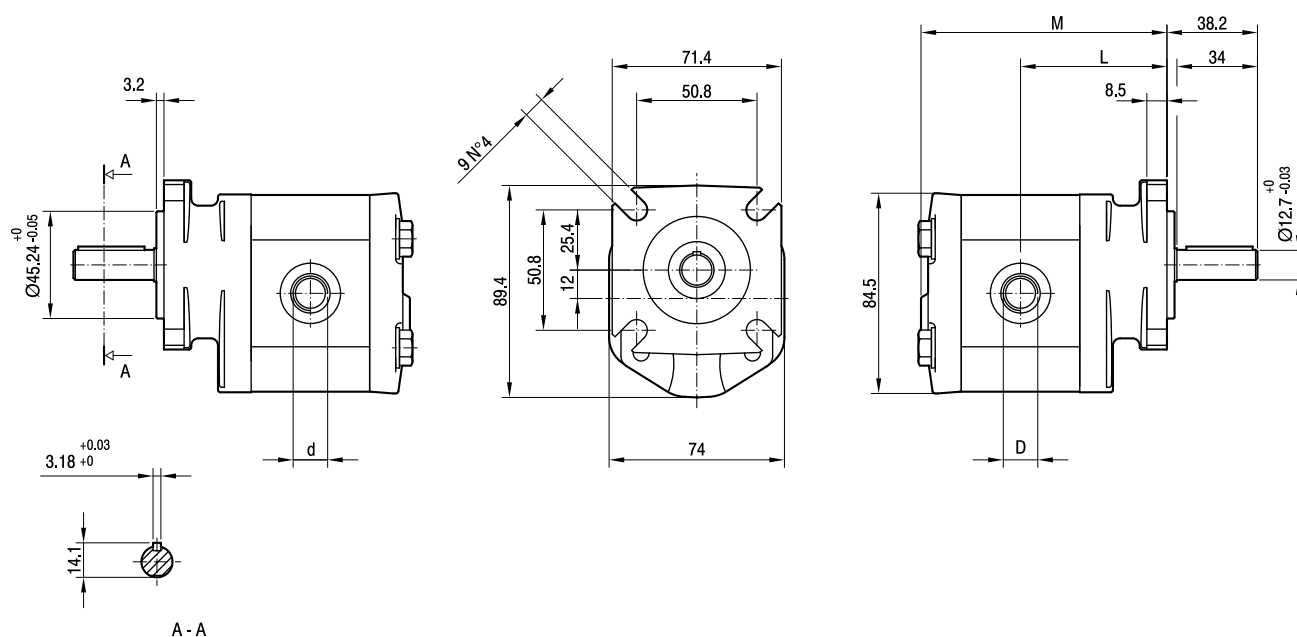
Parti accessorie a corredo della pompa standard: linguetta (codice 522223).
Le porte standard "D" e "d" sono lavorate secondo la specifica SAE J1926/1 (ISO 11926-1) relativa a porte filettate con tenuta O-ring.

Accessories supplied with the standard pump: key (code 522223).

"D" and "d" standard ports are machined in compliance with threaded port with O-ring seal in truncated housing SAE J1926/1 (ISO 11926-1).

MANDATA
OUTLET

ASPIRAZIONE
INLET



TIPO TYPE	CILINDRATA DISPLACEMENT	PORTATA a 1500 giri/min FLOW at 1500 rev/min	PRESSIONI MASSIME MAX PRESSURE			VELOCITÀ MASSIMA MAX SPEED	DIMENSIONI DIMENSIONS			
			P ₁	P ₂	P ₃		L	M	d	D
	cm ³ /giro [cm ³ /rev]	litri/min [litres/min]	bar	bar	bar	giri/min [rpm]	mm	mm		
GHP1AQ-D-2	1,4	2,0	270	290	310	6000	59	98	9/16-18 UNF	3/4-16 UNF
GHP1AQ-D-3	2,1	2,9	270	290	310	6000	60	100	9/16-18 UNF	3/4-16 UNF
GHP1AQ-D-4	2,8	3,9	270	290	310	5000	61	102	9/16-18 UNF	3/4-16 UNF
GHP1AQ-D-5	3,5	4,9	270	290	310	5000	62	104	9/16-18 UNF	3/4-16 UNF
GHP1AQ-D-6	4,1	5,9	270	290	310	4000	63	106	9/16-18 UNF	3/4-16 UNF
GHP1AQ-D-7	5,2	7,4	260	275	290	3500	64,5	109	9/16-18 UNF	3/4-16 UNF
GHP1AQ-D-9	6,2	8,8	260	275	290	3000	66	112	9/16-18 UNF	3/4-16 UNF
GHP1AQ-D-11	7,6	10,8	230	245	260	3500	68	116	3/4-16 UNF	7/8-14 UNF
GHP1AQ-D-13	9,3	13,3	210	225	240	3000	70,5	121	3/4-16 UNF	7/8-14 UNF
GHP1AQ-D-16	11,0	15,7	200	215	230	2500	73	126	3/4-16 UNF	7/8-14 UNF
GHP1AQ-D-20	13,8	19,7	180	195	210	2000	77	134	3/4-16 UNF	7/8-14 UNF

GHP1A2

Parti accessorie a corredo della pompa standard: linguetta (codice 522067).
Monta flangia 82-2 (A) secondo norma SAE J744c.

Le porte standard "D" e "d" sono lavorate secondo la specifica SAE J1926/1 (ISO 11926-1) relativa a porte filettate con tenuta O-ring.

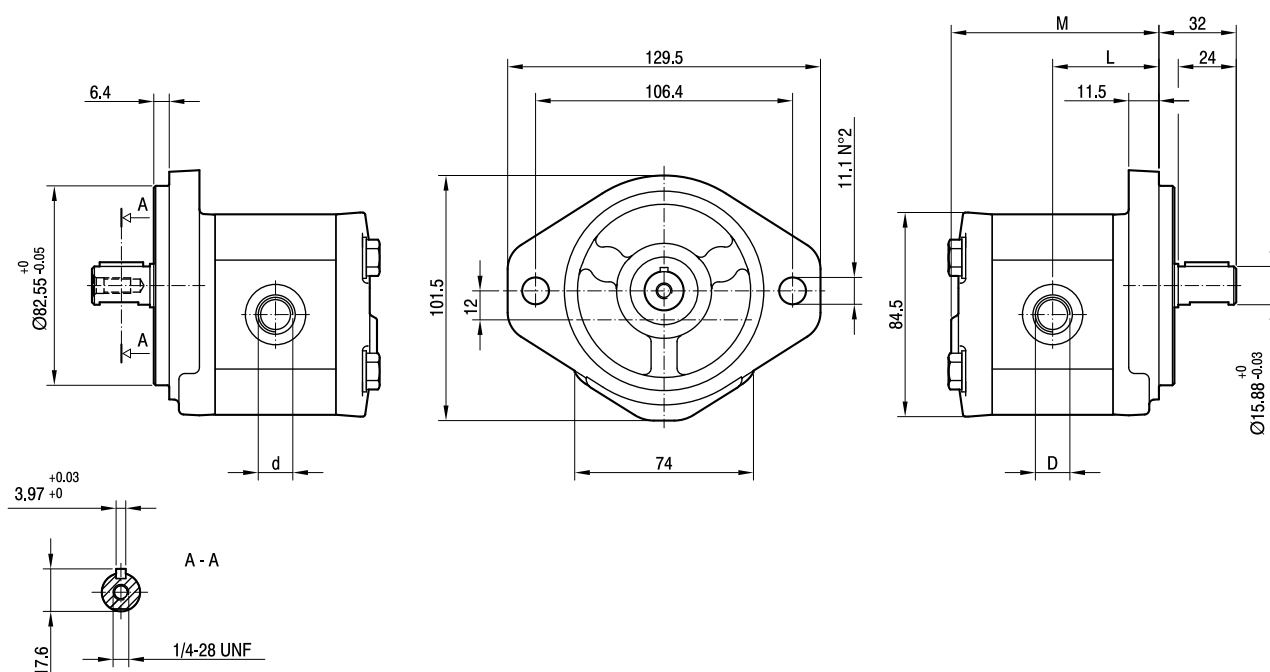
Accessories supplied with the standard pump: key (code 522067).

Mounting flange 82-2 (A) in compliance with SAE J744c.

"D" and "d" standard ports are machined in compliance with threaded port with O-ring seal in truncated housing SAE J1926/1 (ISO 11926-1).

MANDATA
OUTLET

ASPIRAZIONE
INLET

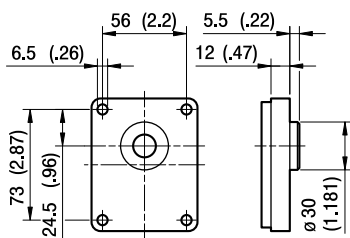
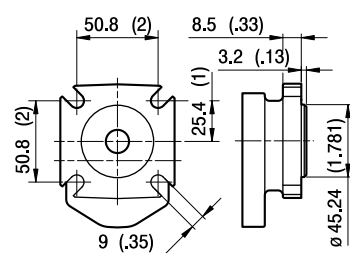
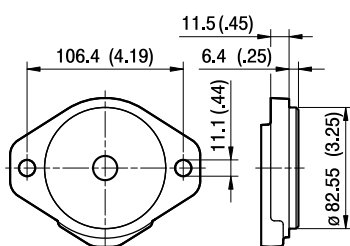
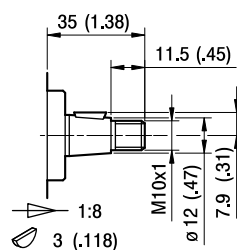


TIPO TYPE	CILINDRATA DISPLACEMENT	PORTATA a 1500 giri/min FLOW at 1500 rev/min	PRESSIONI MASSIME MAX PRESSURE			VELOCITÀ MASSIMA MAX SPEED	DIMENSIONI DIMENSIONS			
			P ₁	P ₂	P ₃		L	M	d	D
	cm ³ /giro [cm ³ /rev]	litri/min [litres/min]	bar	bar	bar	giri/min [rpm]	mm	mm		
GHP1A2-D-2	1,4	2,0	250	270	290	6000	41	80	9/16-18 UNF	3/4-16 UNF
GHP1A2-D-3	2,1	2,9	250	270	290	6000	42	82	9/16-18 UNF	3/4-16 UNF
GHP1A2-D-4	2,8	3,9	250	270	290	5000	43	84	9/16-18 UNF	3/4-16 UNF
GHP1A2-D-5	3,5	4,9	250	270	290	5000	44	86	9/16-18 UNF	3/4-16 UNF
GHP1A2-D-6	4,1	5,9	250	270	290	4000	45	88	9/16-18 UNF	3/4-16 UNF
GHP1A2-D-7	5,2	7,4	230	245	260	3500	46,5	91	9/16-18 UNF	3/4-16 UNF
GHP1A2-D-9	6,2	8,8	230	245	260	3000	48	94	9/16-18 UNF	3/4-16 UNF
GHP1A2-D-11	7,6	10,8	200	215	230	3500	50	98	3/4-16 UNF	7/8-14 UNF
GHP1A2-D-13	9,3	13,3	180	195	210	3000	52,5	103	3/4-16 UNF	7/8-14 UNF
GHP1A2-D-16	11,0	15,7	170	185	200	2500	55	108	3/4-16 UNF	7/8-14 UNF
GHP1A2-D-20	13,8	19,7	150	165	180	2000	59	116	3/4-16 UNF	7/8-14 UNF

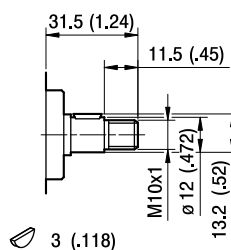
GHP1

FLANGE / FLANGES

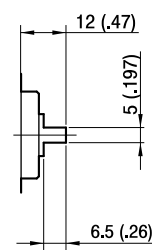
ALBERI / SHAFTS


A

AQ

A2

T0

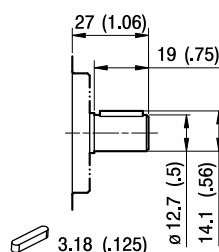
Coppia Max
Max Torque 100 Nm


C0

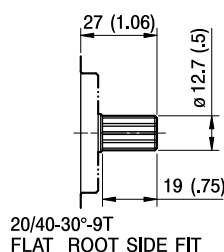
Coppia Max
Max Torque 55 Nm


G0

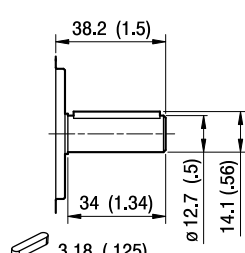
Coppia Max
Max Torque 45 Nm


C1

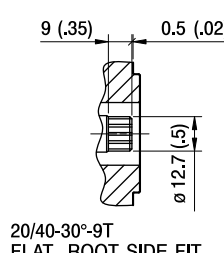
Coppia Max
Max Torque 60 Nm


S1

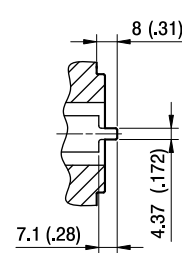
Coppia Max
Max Torque 100 Nm


C2

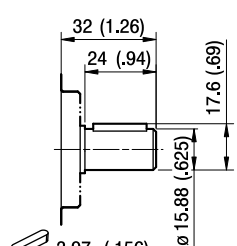
Coppia Max
Max Torque 100 Nm


S2

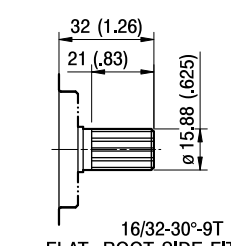
Coppia Max
Max Torque 95 Nm


G1

Coppia Max
Max Torque 45 Nm


C3

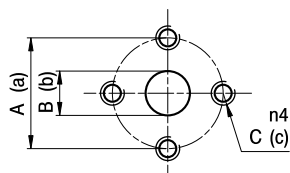
Coppia Max
Max Torque 120 Nm


S3

Coppia Max
Max Torque 145 Nm

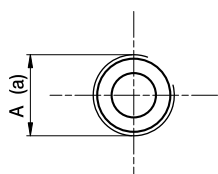
GHP1

PORTE / PORTS


E

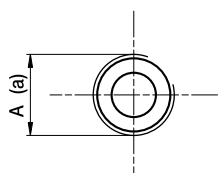
TIPO TYPE	ASPIRAZIONE INLET			MANDATA OUTLET		
	A	B	C	a	b	c
GHP1...2÷GHP1...20	30	13	M6	30	13	M6

I valori delle coppie di serraggio delle viti presenti nel kit raccordo sono indicate a pag 55 (capitolo accessori).
Tightening torques of the fittings screws are specified on page 55 (accessories section).


FG

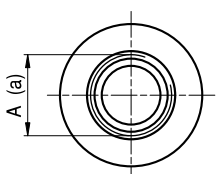
TIPO TYPE	ASPIRAZIONE INLET	MANDATA OUTLET
	A	a
GHP1...2 ÷ GHP1...5	G1/2	G3/8
GHP1...6÷GHP1...20	G1/2	G1/2

Raccordo G1/2 coppia di serraggio massima 50 Nm. Raccordo G3/8 coppia di serraggio massima 35 Nm.
Consigliamo di richiedere conferma al fornitore del raccordo.
Tightening torques for G1/2 fitting: 50 Nm. Tightening torques for G3/8 fitting: 35 Nm. Please check with the fittings suppliers.


FC

TIPO TYPE	ASPIRAZIONE INLET	MANDATA OUTLET
	A	a
GHP1...2÷GHP1...20	Rc1/2	Rc1/2

Raccordo Rc1/2 coppia di serraggio massima 50 Nm.
Consigliamo di richiedere conferma al fornitore del raccordo.
Tightening torques for Rc1/2 fitting: 50 Nm. Please check with the fittings suppliers.



STANDARD SAE J1926/1

FA

TIPO TYPE	ASPIRAZIONE INLET	MANDATA OUTLET
	A	a
GHP1...2 ÷ GHP1...9	3/4-16 UNF	9/16-18 UNF
GHP1...11÷GHP1...20	7/8-14 UNF	3/4-16 UNF

Raccordo 9/16-18 UNF coppia di serraggio massima 30 Nm. Raccordo 3/4-16 UNF coppia di serraggio massima 60 Nm.
Raccordo 7/8-14 UNF coppia di serraggio massima 70 Nm. Consigliamo di richiedere conferma al fornitore del raccordo.
Tightening torques for 9/16-18 UNF fitting: 30 Nm. Tightening torques for 3/4-16 UNF fitting: 60 Nm.
Tightening torques for 7/8-14 UNF fitting: 70 Nm. Please check with the fittings suppliers.

GHP2

COME ORDINARE / HOW TO ORDER

GHP2	TIPO Type	ROTAZIONE Rotation	TAGLIA Size	ALBERO* Shaft*	PORTE* Ports*	GUARNIZIONI* Seals*	OPZIONI* Options*	DRENAGGIO* Drain*
	omit	D DESTRA CLOCKWISE	6			Guarnizioni / Seals		
	A	S SINISTRA COUNTER CLOCKWISE	9			omit (T range = -10°C + 80°C)		
	A3		10			V		
	BK1	R** REVERSIBILE REVERSIBLE	12			H		
	BK2		13			...	Opzioni / Options	
	BK4		16			TR		
	BK7		20			T		
			22			KA		
			25			OR***		
			30			...	Drenaggio / Drain	
			34			E0 = drenaggio interno/internal drain		
			37			E1 = drenaggio esterno/external drain G1/4		
			40			**** E2 = drenaggio esterno/external drain 9/16-18 UNF		
			50			E3 = drenaggio esterno/external drain G3/8 (solo per opzione VM/only for VM options)		
						**** E4 = drenaggio esterno/external drain 7/16-20 UNF (solo per rotazione R e porte KA/only for R rotation and KA ports)		

(*) = campi da specificare se diversi dallo standard "tipo pompa" / to be specified if different from standard pump type

(**) = La rotazione reversibile R è disponibile per tutte le taglie indicate (eccetto 6) / R rotation is available for all listed displacements (except 6)

(***) = solo per tipi pompa A e BK1 / only for A and BK1 pump types

(****) = Le porte di drenaggio sono lavorate secondo la specifica SAE J1926/1 (ISO 11926-1) relativa a porte filettate con tenuta O-ring / Drain ports are machined in compliance with threaded port with O-ring seal in truncated housing SAE J1926/1 (ISO 11926-1)

Tipi Pompa Standard / Pump Standard Types

omit	= flangia europea + albero T0 + porte E + guarnizioni standard / european flange + shaft T0 + ports E + standard seals
A	= flangia A + albero C1 + porte FA + guarnizioni standard / flange A + shaft C1 + ports FA + standard seals
A3	= flangia A3 + albero C3 + porte FA + guarnizioni standard / flange A3 + shaft C3 + ports FA + standard seals
BK1	= flangia BK1 + albero T1 + porte D + guarnizioni standard / flange BK1 + shaft T1 + ports D + standard seals
BK2	= flangia BK2 + albero T2 + porte D + guarnizioni standard / flange BK2 + shaft T2 + ports D + standard seals
BK4	= flangia BK4 + albero T2 + porte D + guarnizioni standard / flange BK4 + shaft T2 + ports D + standard seals
BK7	= flangia BK7 + albero G0 + porte D + guarnizioni standard / flange BK7 + shaft G0 + ports D + standard seals

Esempi / Examples:

GHP2-D-6	= pompa destra, 4.5 cc/rev, flangia europea, albero conico 1:8, porte flangiate tipo E, guarnizioni standard clockwise rotation, 4.5 cc/rev, european flange, 1:8 tapered shaft, flanged ports E type, standard seals
GHP2A-D-6-KA	= pompa destra, 4.5 cc/rev, flangia SAE A 2 fori, albero cilindrico, guarnizioni standard, porte filettate UNF sul coperchio (KA) clockwise rotation, 4.5 cc/rev, SAE A 2 bolt flange, cylindrical shaft, standard seals, UNF threaded rear ports (KA)
GHP2BK2-D-6-E	= pompa destra, 4.5 cc/rev, flangia tedesca quadrata, albero conico 1:5, porte flangiate (E), guarnizioni standard clockwise rotation, 4.5 cc/rev, german square flange, 1:5 tapered shaft, european flanged ports (E), standard seals
GHP2A-D-6-OR	= pompa destra, 4.5 cc/rev, flangia SAE a 2 fori, albero cilindrico C1, porte filettate FA, guarnizioni standard, guarnizione OR sul colletto clockwise rotation, 4.5 cc/rev, SAE A 2 bolt flange, cylindrical shaft C1, threaded ports FA, standard seal, OR seal on pilot

LE TAVOLE DI PRODOTTO RAPPRESENTANO I TIPI POMPA STANDARD PER MARZOCCHI POMPE. LE TAVOLE SINOTTICHE DI FLANGE, ALBERI E PORTE HANNO LO SCOPO DI RAPPRESENTARE TUTTE LE POSSIBILI CONFIGURAZIONI DI PRODOTTO. PER MAGGIORI DETTAGLI SULLE DISPONIBILITÀ E CONDIZIONI DI FORNITURA, CONSIGLIAMO DI INTERPELLARE IL NOSTRO UFFICIO TECNICO-COMMERCIALE.

THE PRODUCT DATA SHEETS SHOW OUR STANDARD MODEL TYPES. THE SYNOPSIS TABLES FOR FLANGES, SHAFTS AND PORTS SHOW ALL THE POSSIBLE CONFIGURATIONS. FOR FURTHER DETAILS ABOUT THE AVAILABILITY OF EACH CONFIGURATION PLEASE CONTACT OUR SALES AND TECHNICAL DEPT.

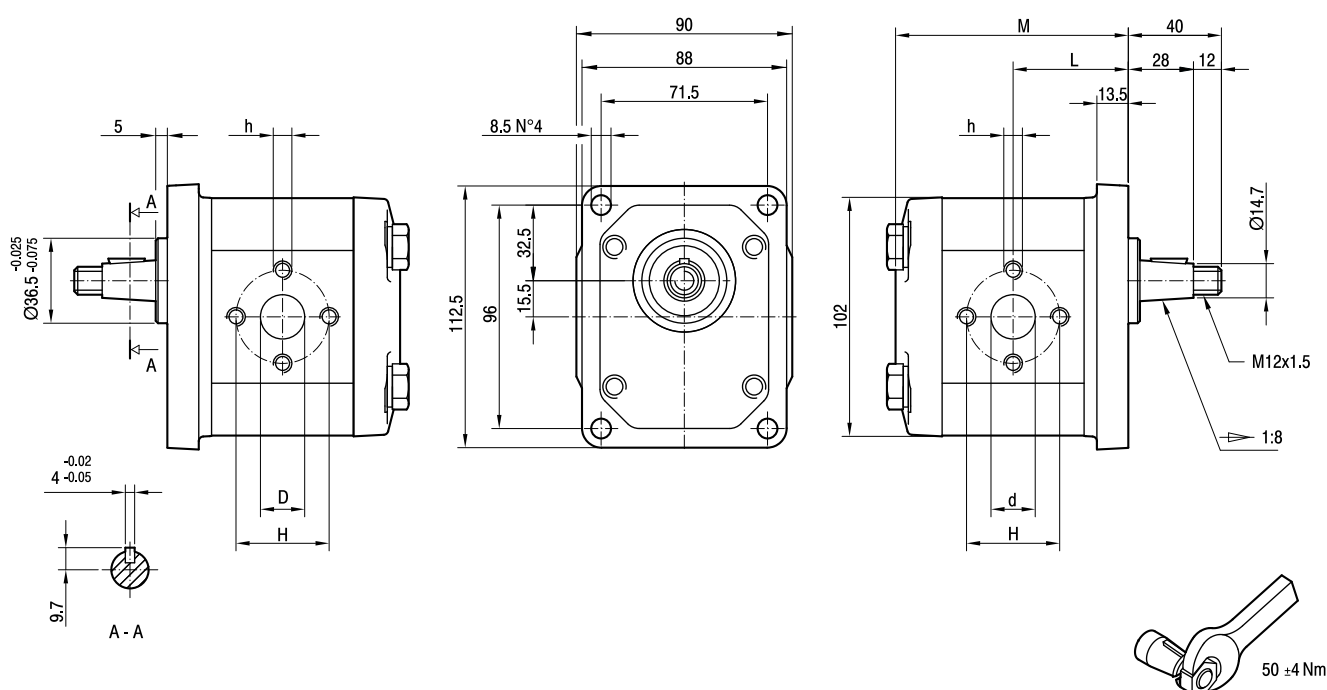
GHP2

Parti accessorie a corredo della pompa standard: linguetta a disco (codice 522057), dado M12x1.5 (codice 523016), rosetta elastica spaccata (codice 523005).
Porte standard: filetti M6 profondità utile 13 mm, filetti M8 profondità utile 17 mm.
Disponibile su richiesta albero conico con linguetta a disco di spessore 3,2 mm ("T3").

Accessories supplied with the standard pump: woodruff key (code 522057), M12x1.5 exagonal nut (code 523016), washer (code 523005).
Standard ports: M6 threads depth 13 mm, M8 threads depth 17 mm.
The tapered shaft is also available with 3,2 mm key ("T3").

MANDATA
OUTLET

ASPIRAZIONE
INLET



TIPO TYPE	CILINDRATA DISPLACEMENT	PORTATA a 1500 giri/min FLOW at 1500 rev/min	PRESSIONI MASSIME MAX PRESSURE			VELOCITÀ MASSIMA MAX SPEED	DIMENSIONI DIMENSIONS					
			P ₁	P ₂	P ₃		L	M	d	D	h	H
	cm ³ /giro [cm ³ /rev]	litri/min [litres/min]	bar	bar	bar	giri/min [rpm]	mm	mm	mm	mm		mm
GHP2-D-6	4,5	6,4	280	295	310	4000	45,5	92	13	13	M6	30
GHP2-D-9	6,4	9,1	280	295	310	4000	47	95	13	13	M6	30
GHP2-D-10	7,0	10,0	280	295	310	4000	47,5	96	13	13	M8	40
GHP2-D-12	8,3	11,8	280	295	310	3500	48,5	98	13	13	M8	40
GHP2-D-13	9,6	13,7	280	295	310	3000	49,5	100	13	13	M8	40
GHP2-D-16	11,5	16,4	280	295	310	4000	51	103	19	13	M8	40
GHP2-D-20	14,1	20,1	260	275	290	4000	53	107	19	13	M8	40
GHP2-D-22	16,0	22,8	260	275	290	4000	54,5	110	19	13	M8	40
GHP2-D-25	17,9	25,5	260	275	290	3600	56	113	19	13	M8	40
GHP2-D-30	21,1	30,1	230	245	260	3200	58,5	118	19	19	M8	40
GHP2-D-34	23,7	33,7	230	245	260	3000	60,5	122	19	19	M8	40
GHP2-D-37	25,5	36,4	210	225	240	2800	62	125	19	19	M8	40
GHP2-D-40	28,2	40,1	200	215	230	2500	64	129	19	19	M8	40
GHP2-D-50	35,2	50,2	160	175	190	2500	69,5	140	21	19	M8	40

GHP2A

Parti accessorie a corredo della pompa standard: linguetta (codice 522067).

Monta flangia 82-2 (A) secondo norma SAE J744c.

Le porte standard di aspirazione e mandata sono lavorate secondo la specifica SAE J1926/1 (ISO 11926-1) relativa a porte filettate con tenuta O-ring.

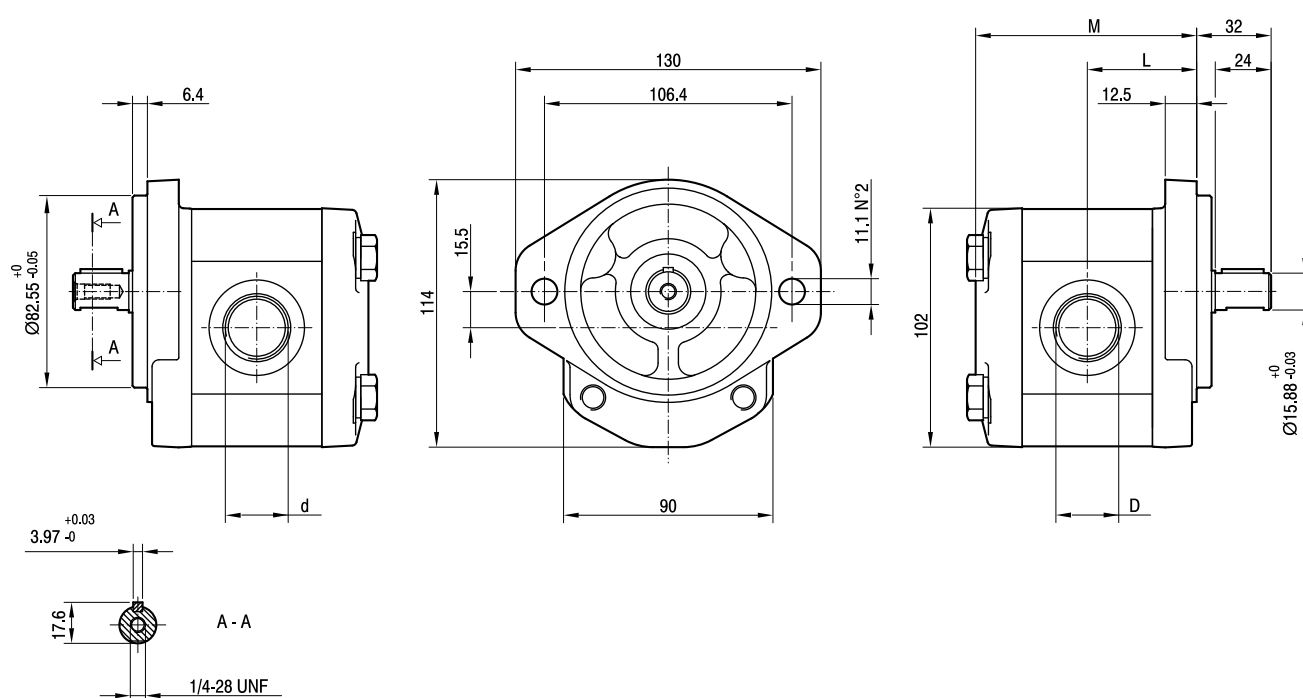
Accessories supplied with the standard pump: key (code 522067).

Mounting flange 82-2 (A) in compliance with SAE J744c.

Inlet and outlet standard ports are machined in compliance with threaded port with O-ring seal in truncated housing SAE J1926/1 (ISO 11926-1).

MANDATA
OUTLET

ASPIRAZIONE
INLET



TIPO TYPE	CILINDRATA DISPLACEMENT	PORTATA a 1500 giri/min FLOW at 1500 rev/min	PRESSIONI MASSIME MAX PRESSURE			VELOCITÀ MASSIMA MAX SPEED	DIMENSIONI DIMENSIONS			
			P ₁	P ₂	P ₃		L	M	d	D
	cm ³ /giro [cm ³ /rev]	litri/min [litres/min]	bar	bar	bar	giri/min [rpm]	mm	mm		
GHP2A-D-6	4,5	6,4	280	295	310	4000	45,5	92	7/8-14 UNF	1 1/16-12 UNF
GHP2A-D-9	6,4	9,1	280	295	310	4000	47	95	7/8-14 UNF	1 1/16-12 UNF
GHP2A-D-10	7,0	10,0	280	295	310	4000	47,5	96	7/8-14 UNF	1 1/16-12 UNF
GHP2A-D-12	8,3	11,8	280	295	310	4000	48,5	98	7/8-14 UNF	1 1/16-12 UNF
GHP2A-D-13	9,6	13,7	280	295	310	4000	49,5	100	7/8-14 UNF	1 1/16-12 UNF
GHP2A-D-16	11,5	16,4	280	295	310	4000	51	103	7/8-14 UNF	1 1/16-12 UNF
GHP2A-D-20	14,1	20,1	260	275	290	3200	53	107	7/8-14 UNF	1 1/16-12 UNF
GHP2A-D-22	16,0	22,8	260	275	290	2800	54,5	110	7/8-14 UNF	1 1/16-12 UNF
GHP2A-D-25	17,9	25,5	260	275	290	2500	56	113	7/8-14 UNF	1 1/16-12 UNF
GHP2A-D-30	21,1	30,1	230	245	260	2200	58,5	118	7/8-14 UNF	1 1/16-12 UNF
GHP2A-D-34	23,7	33,7	230	245	260	2000	60,5	122	7/8-14 UNF	1 1/16-12 UNF
GHP2A-D-37	25,5	36,4	210	225	240	1800	62	125	7/8-14 UNF	1 1/16-12 UNF
GHP2A-D-40	28,2	40,1	200	215	230	1800	64	129	7/8-14 UNF	1 1/16-12 UNF
GHP2A-D-50	35,2	50,2	160	175	190	1800	69,5	140	7/8-14 UNF	1 5/16-12 UNF

GHP2A3

Parti accessorie a corredo della pompa standard: linguetta (codice 522068).
Monta flangia 101-2 (B) secondo norma SAE J744c.

Le porte standard di aspirazione e mandata sono lavorate secondo la specifica SAE J1926/1 (ISO 11926-1) relativa a porte filettate con tenuta O-ring.

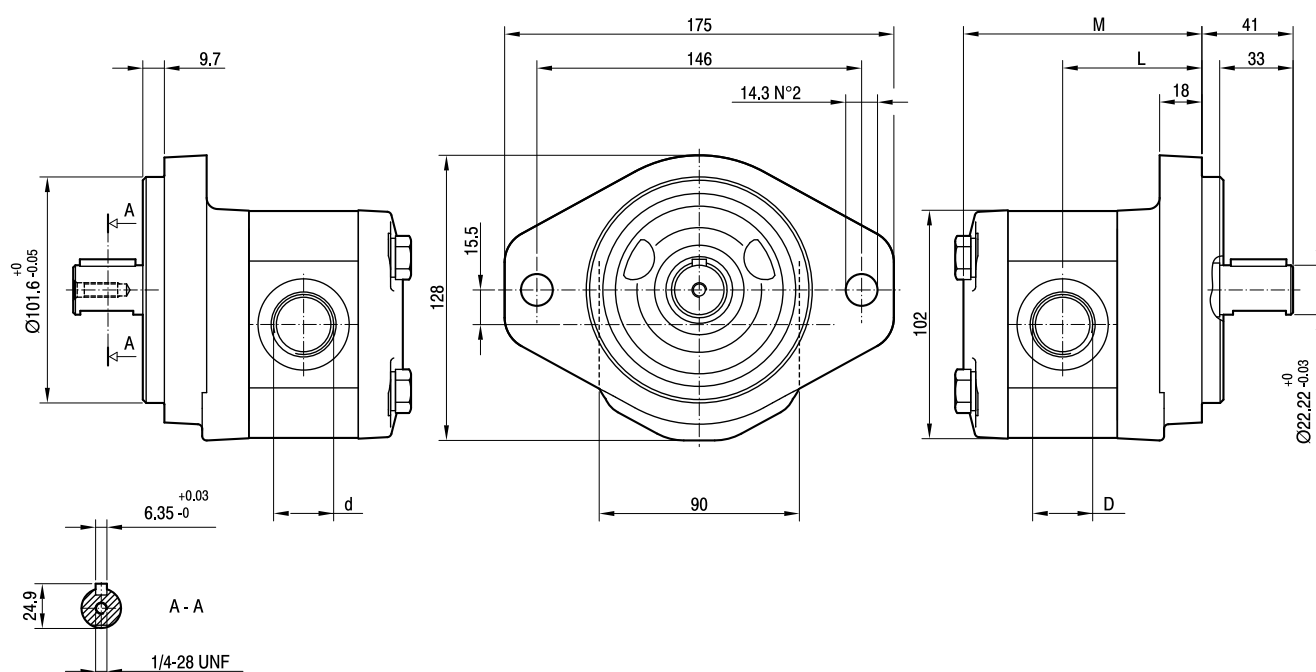
Accessories supplied with the standard pump: key (code 522068).

Mounting flange 101-2 (B) in compliance with SAE J744c.

Inlet and outlet standard ports are machined in compliance with threaded port with O-ring seal in truncated housing SAE J1926/1 (ISO 11926-1).

MANDATA
OUTLET

ASPIRAZIONE
INLET



TIPO TYPE	CILINDRATA DISPLACEMENT	PORTATA a 1500 giri/min FLOW at 1500 rev/min	PRESSIONI MASSIME MAX PRESSURE			VELOCITÀ MASSIMA MAX SPEED	DIMENSIONI DIMENSIONS			
			P ₁	P ₂	P ₃		L	M	d	D
	cm ³ /giro [cm ³ /rev]	litri/min [litres/min]	bar	bar	bar	giri/min [rpm]	mm	mm		
GHP2A3-D-6	4,5	6,4	280	295	310	4000	64,5	111	7/8-14 UNF	1 1/16-12 UNF
GHP2A3-D-9	6,4	9,1	280	295	310	4000	66	114	7/8-14 UNF	1 1/16-12 UNF
GHP2A3-D-10	7,0	10,0	280	295	310	4000	66,5	115	7/8-14 UNF	1 1/16-12 UNF
GHP2A3-D-12	8,3	11,8	280	295	310	4000	67,5	117	7/8-14 UNF	1 1/16-12 UNF
GHP2A3-D-13	9,6	13,7	280	295	310	4000	68,5	119	7/8-14 UNF	1 1/16-12 UNF
GHP2A3-D-16	11,5	16,4	280	295	310	4000	70	122	7/8-14 UNF	1 1/16-12 UNF
GHP2A3-D-20	14,1	20,1	260	275	290	3200	72	126	7/8-14 UNF	1 1/16-12 UNF
GHP2A3-D-22	16,0	22,8	260	275	290	2800	73,5	129	7/8-14 UNF	1 1/16-12 UNF
GHP2A3-D-25	17,9	25,5	260	275	290	2500	75	132	7/8-14 UNF	1 1/16-12 UNF
GHP2A3-D-30	21,1	30,1	230	245	260	2200	77,5	137	7/8-14 UNF	1 1/16-12 UNF
GHP2A3-D-34	23,7	33,7	230	245	260	2000	79,5	141	7/8-14 UNF	1 1/16-12 UNF
GHP2A3-D-37	25,5	36,4	210	225	240	1800	81	144	7/8-14 UNF	1 1/16-12 UNF
GHP2A3-D-40	28,2	40,1	200	215	230	1800	83	148	7/8-14 UNF	1 1/16-12 UNF
GHP2A3-D-50	35,2	50,2	160	175	190	1800	88,5	159	7/8-14 UNF	1 5/16-12 UNF

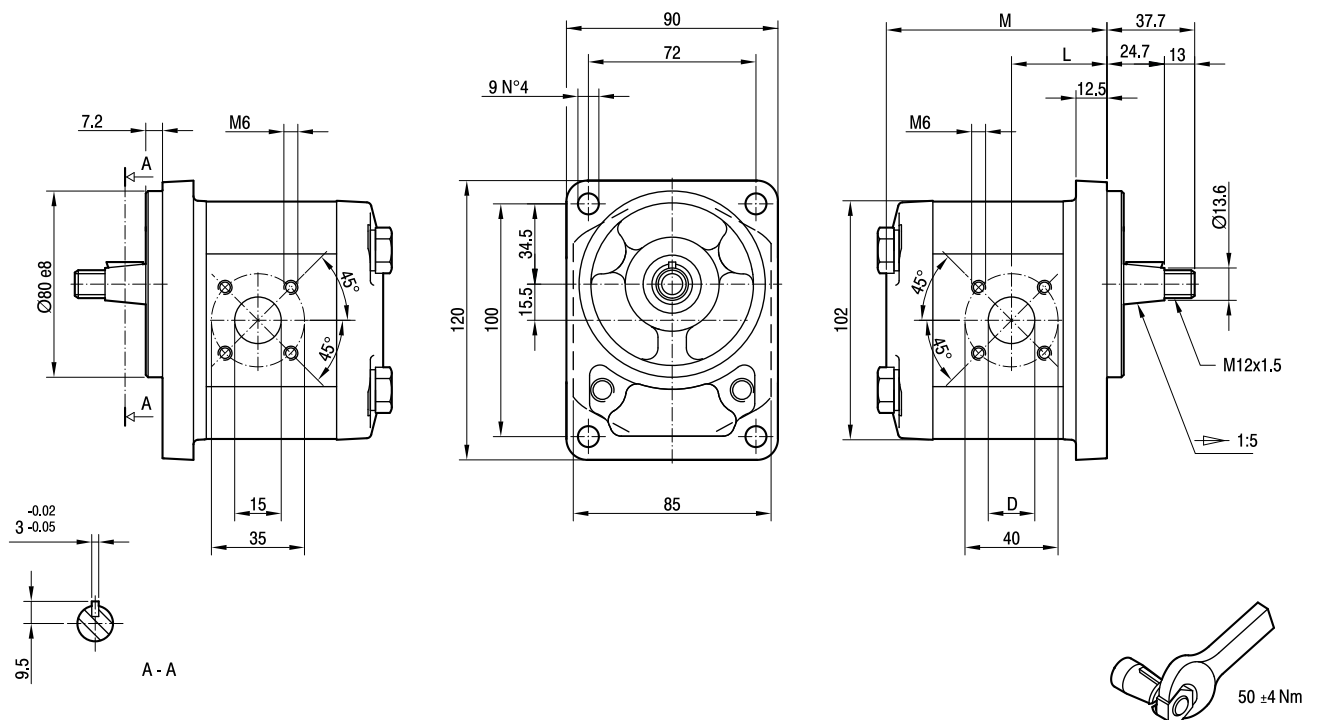
GHP2BK1

Parti accessorie a corredo della pompa standard: linguetta a disco (codice 522055), dado M12x1.5 (codice 523016), rosetta elastica spaccata (codice 523005).
Porte standard: filetti M6 profondità utile 13 mm.

Accessories supplied with the standard pump: woodruff key (code 522055), M12x1.5 hexagonal nut (code 523016), washer (code 523005).
Standard ports: M6 threads depth 13 mm.

MANDATA
OUTLET

ASPIRAZIONE
INLET



TIPO TYPE	CILINDRATA DISPLACEMENT	PORTATA a 1500 giri/min FLOW at 1500 rev/min	PRESSIONI MASSIME MAX PRESSURE			VELOCITÀ MASSIMA MAX SPEED	DIMENSIONI DIMENSIONS		
			P ₁	P ₂	P ₃		L	M	D
	cm ³ /giro [cm ³ /rev]	litri/min [litres/min]	bar	bar	bar	giri/min [rpm]	mm	mm	mm
GHP2BK1 D-6	4,5	6,4	280	295	310	4000	39,8	92	15
GHP2BK1 D-9	6,4	9,1	280	295	310	4000	41	95	15
GHP2BK1 D-10	7,0	10,0	280	295	310	4000	47,3	96	15
GHP2BK1 D-12	8,3	11,8	280	295	310	4000	48,3	98	15
GHP2BK1 D-13	9,6	13,7	280	295	310	4000	43,1	100	20
GHP2BK1 D-16	11,5	16,4	280	295	310	4000	47,5	103	20
GHP2BK1 D-20	14,1	20,1	260	275	290	4000	47,5	107	20
GHP2BK1 D-22	16,0	22,8	260	275	290	4000	47,5	110	20
GHP2BK1 D-25	17,9	25,5	260	275	290	4000	55,8	113	20
GHP2BK1 D-30	21,1	30,1	230	245	260	3400	47,5	118	20
GHP2BK1 D-34	23,7	33,7	230	245	260	3000	55	122	20
GHP2BK1 D-37	25,5	36,4	210	225	240	2600	61,8	125	20
GHP2BK1 D-40	28,2	40,1	200	215	230	2600	63,8	129	20

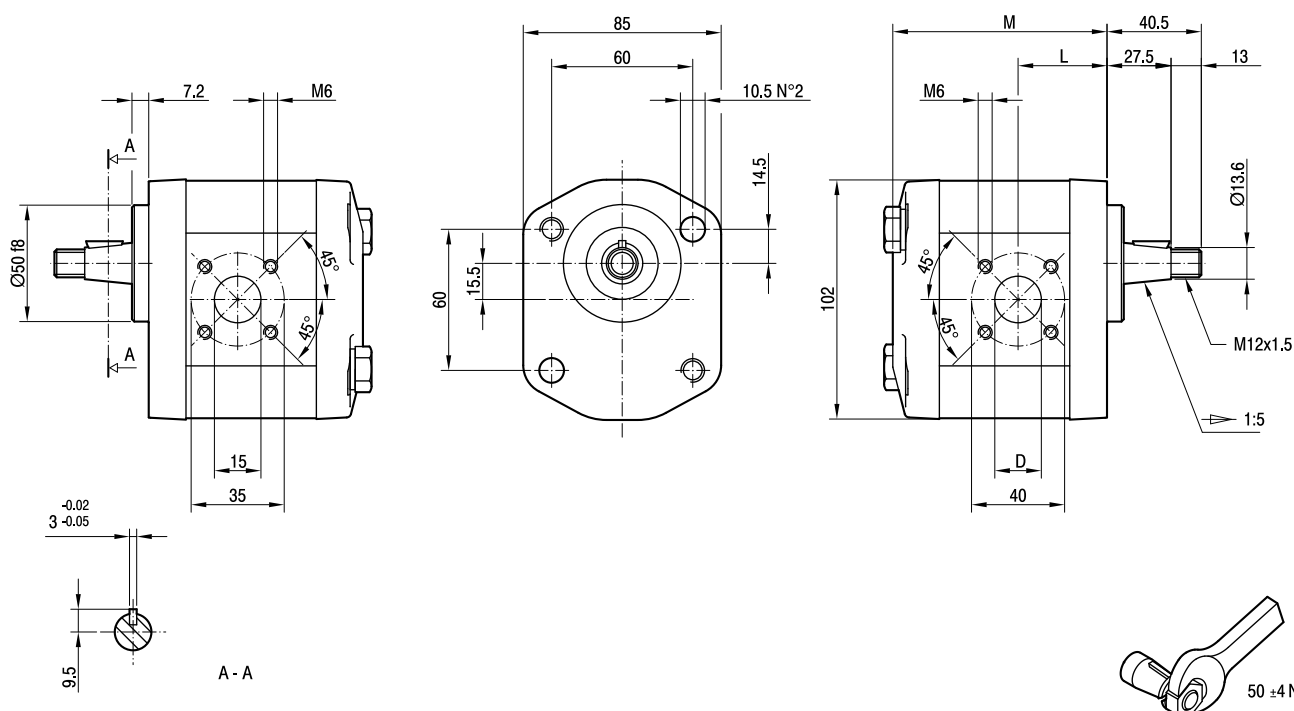
GHP2BK2

Parti accessorie a corredo della pompa standard: linguetta a disco (codice 522055), dado M12x1.5 (codice 523016), rosetta elastica spaccata (codice 523005).
Porte standard: filetti M6 profondità utile 13 mm.
Fissaggio pompa: n.2 viti M10, coppia di serraggio 46 ± 4 Nm.

Accessories supplied with the standard pump: woodruff key (code 522055), M12x1.5 hexagonal nut (code 523016), washer (code 523005).
Standard ports: M6 threads depth 13 mm.
To mount the pump: n.2 M10 screws with a torque wrench setting fixed at 46 ± 4 Nm.

MANDATA
OUTLET

ASPIRAZIONE
INLET



TIPO TYPE	CILINDRATA DISPLACEMENT	PORTATA a 1500 giri/min FLOW at 1500 rev/min	PRESSIONI MASSIME MAX PRESSURE			VELOCITÀ MASSIMA MAX SPEED	DIMENSIONI DIMENSIONS		
			P ₁	P ₂	P ₃		L	M	D
	cm ³ /giro [cm ³ /rev]	litri/min [litres/min]	bar	bar	bar	giri/min [rpm]	mm	mm	mm
GHP2BK2-D-6	4,5	6,4	280	295	310	4000	37	89	15
GHP2BK2-D-9	6,4	9,1	280	295	310	4000	38,2	92	15
GHP2BK2-D-10	7,0	10,0	280	295	310	4000	44,5	93	15
GHP2BK2-D-12	8,3	11,8	280	295	310	4000	45,5	95	15
GHP2BK2-D-13	9,6	13,7	280	295	310	4000	40,3	97	20
GHP2BK2-D-16	11,5	16,4	280	295	310	4000	44,7	100	20
GHP2BK2-D-20	14,1	20,1	260	275	290	4000	44,7	104	20
GHP2BK2-D-22	16,0	22,8	260	275	290	4000	44,7	107	20
GHP2BK2-D-25	17,9	25,5	260	275	290	4000	53	110	20
GHP2BK2-D-30	21,1	30,1	230	245	260	3400	44,7	115	20
GHP2BK2-D-34	23,7	33,7	230	245	260	3000	52,2	119	20
GHP2BK2-D-37	25,5	36,4	210	225	240	2600	59	122	20
GHP2BK2-D-40	28,2	40,1	200	215	230	2600	61	126	20

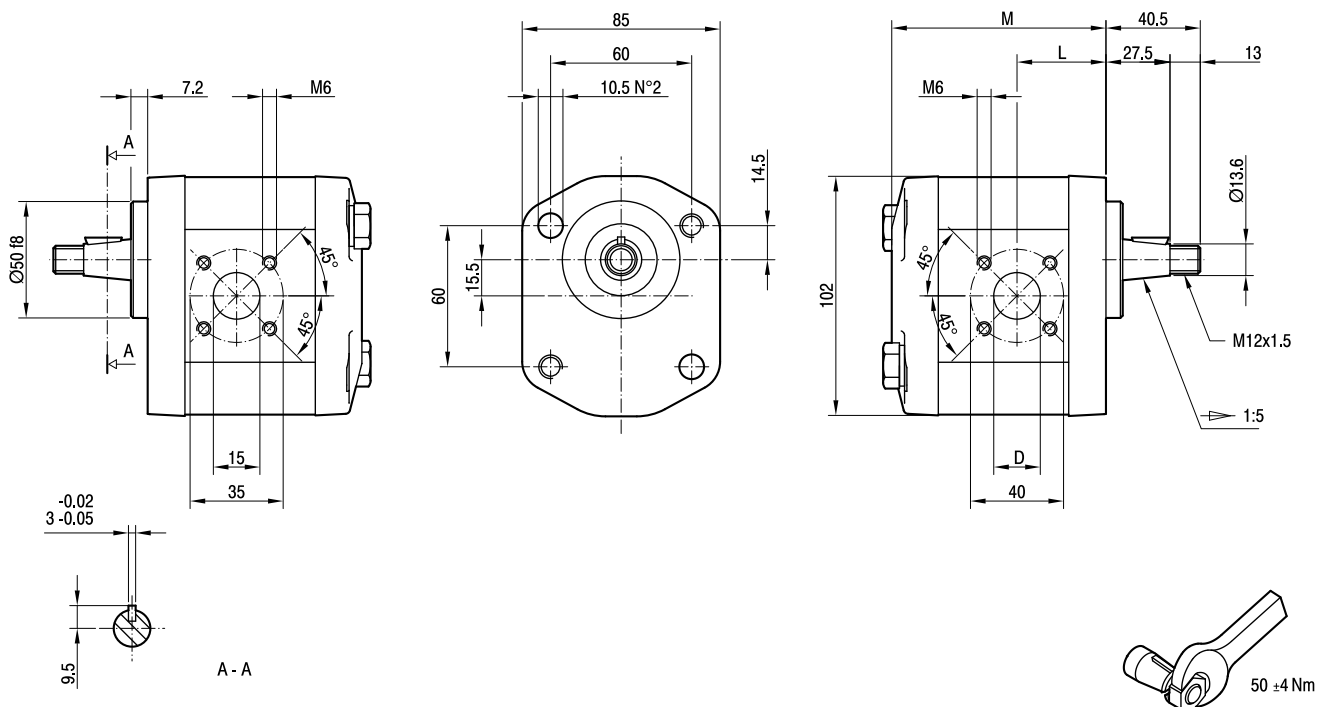
GHP2BK4

Parti accessorie a corredo della pompa standard: linguetta a disco (codice 522055), dado M12x1.5 (codice 523016), rosetta elastica spaccata (codice 523005).
Porte standard: filetti M6 profondità utile 13 mm.
Fissaggio pompa: n.2 viti M10, coppia di serraggio 46 ± 4 Nm.

Accessories supplied with the standard pump: woodruff key (code 522055), M12x1.5 hexagonal nut (code 523016), washer (code 523005).
Standard ports: M6 threads depth 13 mm.
To mount the pump: n.2 M10 screws with a torque wrench setting fixed at 46 ± 4 Nm.

MANDATA
OUTLET

ASPIRAZIONE
INLET



TIPO TYPE	CILINDRATA DISPLACEMENT	PORTATA a 1500 giri/min FLOW at 1500 rev/min	PRESSIONI MASSIME MAX PRESSURE			VELOCITÀ MASSIMA MAX SPEED	DIMENSIONI DIMENSIONS		
			P ₁	P ₂	P ₃		L	M	D
	cm ³ /giro [cm ³ /rev]	litri/min [litres/min]	bar	bar	bar	giri/min [rpm]	mm	mm	mm
GHP2BK4-D-6	4,5	6,4	280	295	310	4000	37	89	15
GHP2BK4-D-9	6,4	9,1	280	295	310	4000	38,2	92	15
GHP2BK4-D-10	7,0	10,0	280	295	310	4000	44,5	93	15
GHP2BK4-D-12	8,3	11,8	280	295	310	4000	45,5	95	15
GHP2BK4-D-13	9,6	13,7	280	295	310	4000	40,3	97	20
GHP2BK4-D-16	11,5	16,4	280	295	310	4000	44,7	100	20
GHP2BK4-D-20	14,1	20,1	260	275	290	4000	44,7	104	20
GHP2BK4-D-22	16,0	22,8	260	275	290	4000	44,7	107	20
GHP2BK4-D-25	17,9	25,5	260	275	290	4000	53	110	20
GHP2BK4-D-30	21,1	30,1	230	245	260	3400	44,7	115	20
GHP2BK4-D-34	23,7	33,7	230	245	260	3000	52,2	119	20
GHP2BK4-D-37	25,5	36,4	210	225	240	2600	59	122	20
GHP2BK4-D-40	28,2	40,1	200	215	230	2600	61	126	20

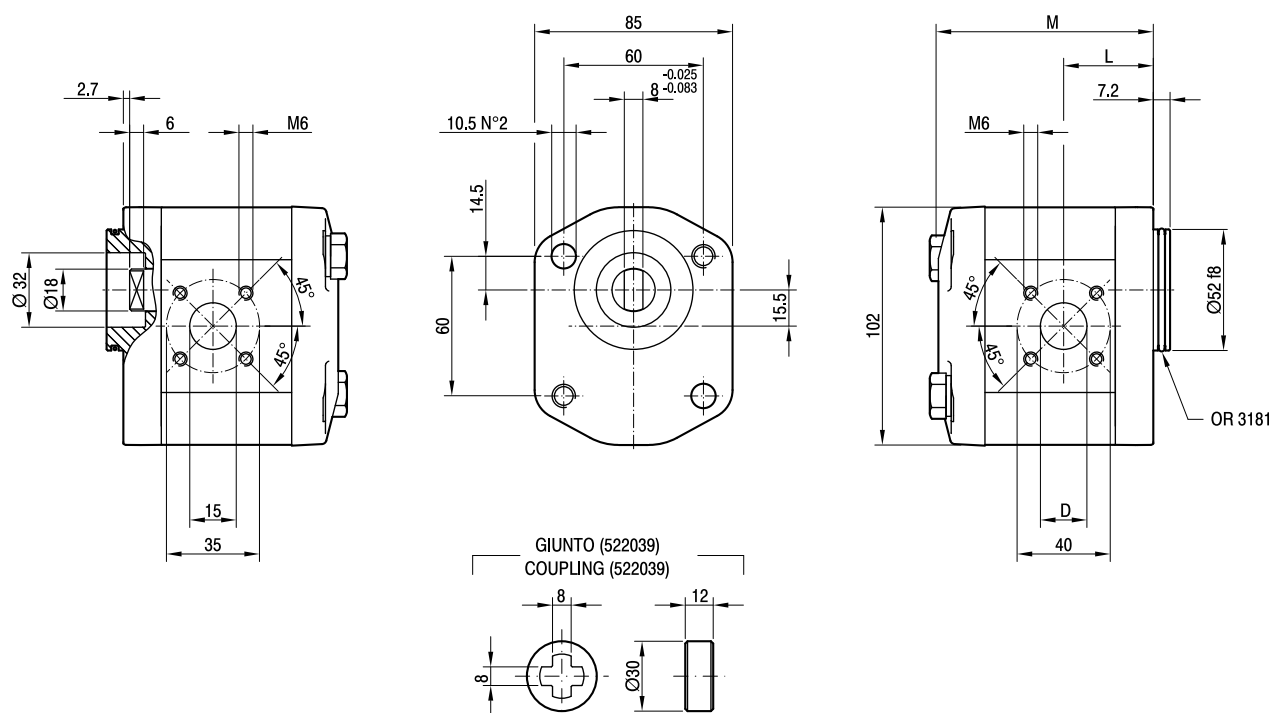
GHP2BK7

Porte standard: filetti M6 profondità utile 13 mm.
Fissaggio pompa: n.2 viti M10,
coppia di serraggio 46 ± 4 Nm.

Standard ports: M6 threads depth 13 mm.
To mount the pump: n.2 M10 screws with a
torque wrench setting fixed at 46 ± 4 Nm.

MANDATA
OUTLET

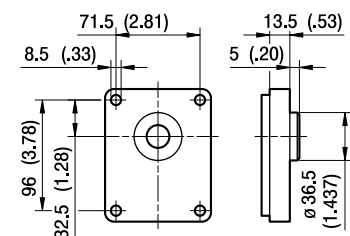
ASPIRAZIONE
INLET



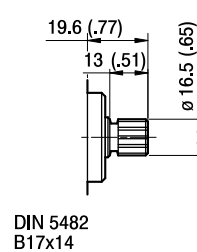
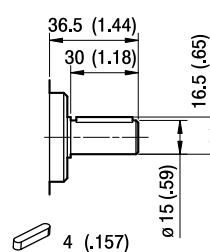
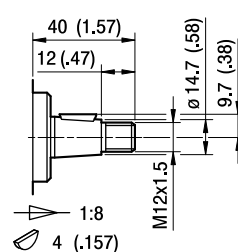
TIPO TYPE	CILINDRATA DISPLACEMENT	PORTATA a 1500 giri/min FLOW at 1500 rev/min	PRESSIONI MASSIME MAX PRESSURE			VELOCITÀ MASSIMA MAX SPEED	DIMENSIONI DIMENSIONS		
			P ₁	P ₂	P ₃		L	M	D
	cm³/giro [cm³/rev]	litri/min [litres/min]	bar	bar	bar	giri/min [rpm]	mm	mm	mm
GHP2BK7-D-6	4,5	6,4	280	295	310	4000	37,3	89,5	15
GHP2BK7-D-9	6,4	9,1	280	295	310	4000	38,5	92,5	15
GHP2BK7-D-10	7,0	10,0	280	295	310	4000	44,8	93,5	15
GHP2BK7-D-12	8,3	11,8	280	295	310	4000	45,8	95,5	15
GHP2BK7-D-13	9,6	13,7	280	295	310	4000	40,6	97,5	20
GHP2BK7-D-16	11,5	16,4	280	295	310	4000	45	100,5	20
GHP2BK7-D-20	14,1	20,1	260	275	290	4000	45	104,5	20
GHP2BK7-D-22	16,0	22,8	260	275	290	4000	45	107,5	20
GHP2BK7-D-25	17,9	25,5	260	275	290	4000	53,5	110,5	20
GHP2BK7-D-30	21,1	30,1	230	245	260	3400	45	115,5	20
GHP2BK7-D-34	23,7	33,7	230	245	260	3000	52,5	119,5	20
GHP2BK7-D-37	25,5	36,4	210	225	240	2600	59,3	122,5	20
GHP2BK7-D-40	28,2	40,1	200	215	230	2600	61,3	126,5	20

GHP2

FLANGE / FLANGES



ALBERI / SHAFTS



T0

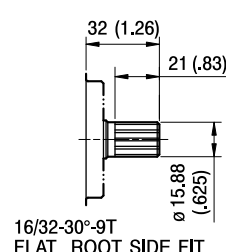
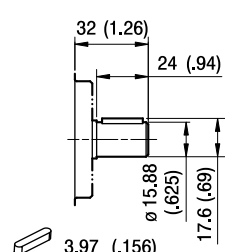
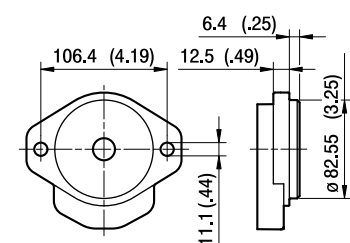
Coppia Max
Max Torque 200 Nm

C0

Coppia Max
Max Torque 135 Nm

S0

Coppia Max
Max Torque 140 Nm

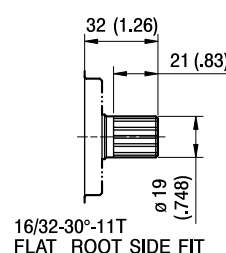
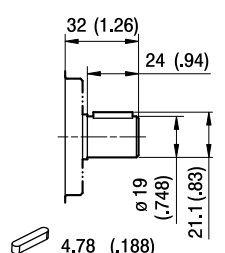


C1

Coppia Max
Max Torque 140 Nm

S1

Coppia Max
Max Torque 185 Nm

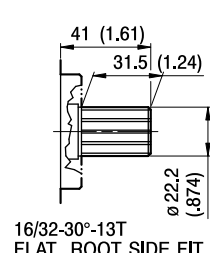
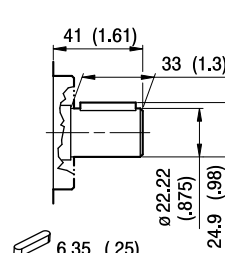
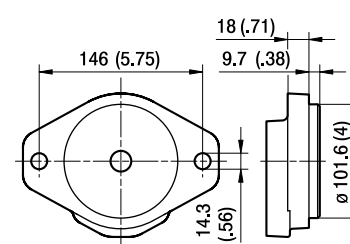


C2

Coppia Max
Max Torque 160 Nm

S2

Coppia Max
Max Torque 200 Nm



C3

Coppia Max
Max Torque 140 Nm

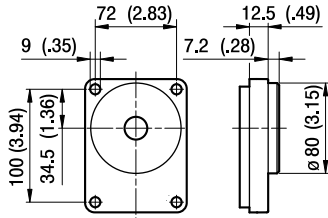
S5

Coppia Max
Max Torque 140 Nm

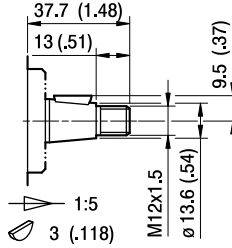
GHP2

FLANGE / FLANGES

ALBERI / SHAFTS

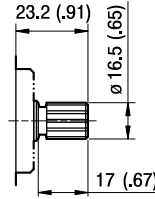


BK1



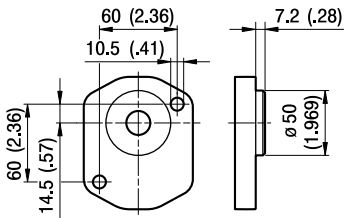
T1

Coppia Max
Max Torque 180 Nm

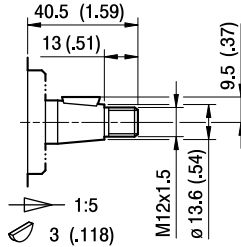


S3

DIN 5482
B17x14
Coppia Max
Max Torque 140 Nm

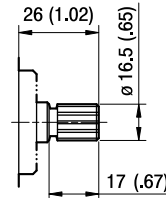


BK2



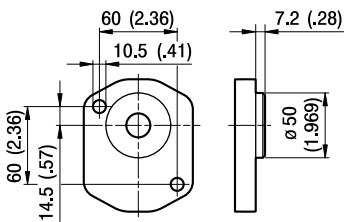
T2

Coppia Max
Max Torque 180 Nm

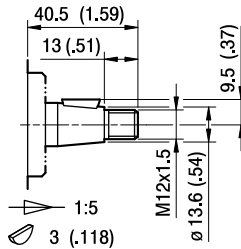


S4

DIN 5482
B17x14
Coppia Max
Max Torque 140 Nm

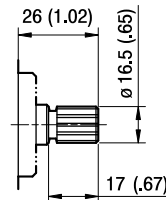


BK4



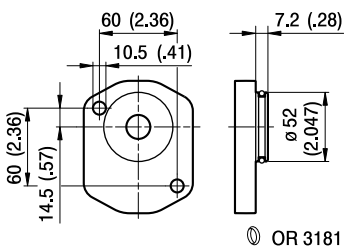
T2

Coppia Max
Max Torque 180 Nm

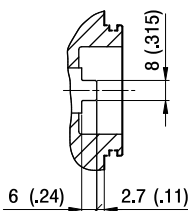


S4

DIN 5482
B17x14
Coppia Max
Max Torque 140 Nm



BK7

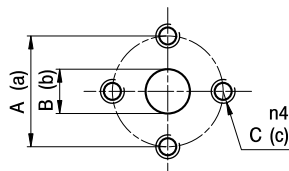


G0

Coppia Max
Max Torque 100 Nm

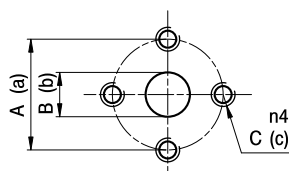
GHP2

PORTE / PORTS


E

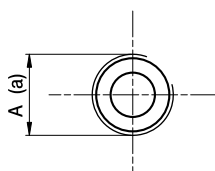
TIPO TYPE	ASPIRAZIONE INLET			MANDATA OUTLET		
	A	B	C	a	b	c
GHP2...6 ÷ GHP2...9	30	13	M6	30	13	M6
GHP2...10 ÷ GHP2...13	40	13	M8	40	13	M8
GHP2...16 ÷ GHP2...25	40	19	M8	40	13	M8
GHP2...30 ÷ GHP2...40	40	19	M8	40	19	M8
GHP2...50	40	21	M8	40	19	M8

I valori delle coppie di serraggio delle viti presenti nel kit raccordo sono indicate a pag 55 (capitolo accessori)
Tightening torques of the fittings screws are specified on page 55 (accessories section)


EP

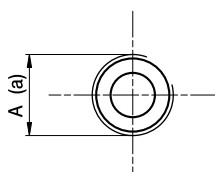
TIPO TYPE	ASPIRAZIONE INLET			MANDATA OUTLET		
	A	B	C	a	b	c
GHP2...6	40	13	M8	30	13	M6
GHP2...10 ÷ GHP2...13	30	13	M6	30	13	M6
GHP2...16 ÷ GHP2...40	40	19	M8	30	13	M6
GHP2...50	40	21	M8	30	19	M6

I valori delle coppie di serraggio delle viti presenti nel kit raccordo sono indicate a pag 55 (capitolo accessori)
Tightening torques of the fittings screws are specified on page 55 (accessories section)


FG

TIPO TYPE	ASPIRAZIONE INLET	MANDATA OUTLET
	A	a
GHP2...6 ÷ GHP2...16	G1/2	G1/2
GHP2...20 ÷ GHP2...40	G3/4	G1/2

Raccordo G1/2 coppia di serraggio massima 50 Nm. Raccordo G3/4 coppia di serraggio massima 60 Nm.
Consigliamo di richiedere conferma al fornitore del raccordo.
Tightening torques for G1/2 fitting: 50 Nm. Tightening torques for G3/4 fitting: 60 Nm. Please check with the fittings suppliers.

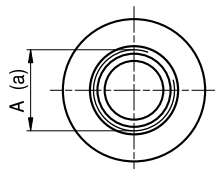

FC

TIPO TYPE	ASPIRAZIONE INLET	MANDATA OUTLET
	A	a
GHP2...6 ÷ GHP2...16	Rc1/2	Rc1/2
GHP2...20 ÷ GHP2...40	Rc3/4	Rc1/2

Raccordo Rc1/2 coppia di serraggio massima 50 Nm. Raccordo Rc3/4 coppia di serraggio massima 60 Nm.
Consigliamo di richiedere conferma al fornitore del raccordo.
Tightening torques for Rc1/2 fitting: 50 Nm. Tightening torques for Rc3/4 fitting: 60 Nm. Please check with the fittings suppliers.

GHP2

PORTE / PORTS

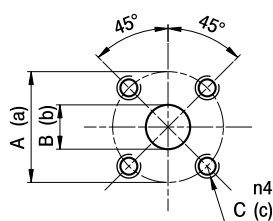


STANDARD SAE J1926/1

FA

TIPO TYPE	ASPIRAZIONE INLET	MANDATA OUTLET
	A	a
GHP2...6 ÷ GHP2...40	1 1/16-12 UNF	7/8-14 UNF
GHP2...50	1 5/16-12 UNF	7/8-14 UNF

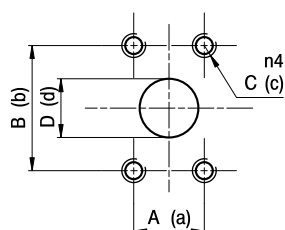
Raccordo 7/8-14 UNF coppia di serraggio massima 70 Nm. Raccordo 1 1/16-12 UNF coppia di serraggio massima 70 Nm. Raccordo 1 5/16-12 UNF coppia di serraggio massima 80 Nm. Consigliamo di richiedere conferma al fornitore del raccordo.
Tightening torques for 7/8-14 UNF fitting: 70 Nm. Tightening torques for 1 1/16-12 UNF fitting: 70 Nm. Tightening torques for 1 5/16-12 UNF fitting: 80 Nm. Please check with the fittings suppliers.



D

TIPO TYPE	ASPIRAZIONE INLET			MANDATA OUTLET		
	A	B	C	a	b	c
GHP2...6 ÷ GHP2...12	40	15	M6	35	15	M6
GHP2...13 ÷ GHP2...40	40	20	M6	35	15	M6

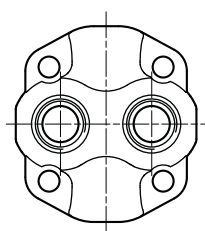
I valori delle coppie di serraggio delle viti presenti nel kit raccordo sono indicate a pag 55 (capitolo accessori)
Tightening torques of the fittings screws are specified on page 55 (accessories section)



A

TIPO TYPE	ASPIRAZIONE INLET				MANDATA OUTLET			
	A	B	C	D	a	b	c	d
GHP2...6 ÷ GHP2...22	17,48	38,1	5/16-18 UNC	13	17,48	38,1	5/16-18 UNC	13
GHP2...25	22,23	47,63	3/8-16 UNC	19	17,48	38,1	5/16-18 UNC	13
GHP2...30 ÷ GHP2...40	22,23	47,63	3/8-16 UNC	19	22,23	47,63	3/8-16 UNC	19

I valori delle coppie di serraggio delle viti presenti nel kit raccordo sono indicate a pag 55 (capitolo accessori)
Tightening torques of the fittings screws are specified on page 55 (accessories section)



KA

Opzione KA

Le porte di aspirazione e mandata sono posizionate sul coperchio. Sono disponibili le versioni FG e FA (per le dimensioni, vedi le relative tabelle).

KA Option

Outlet and Inlet Ports are located in the cover. FG and FA versions are available (for details about dimensions, please refer to the specific tables).

GHP3

COME ORDINARE / HOW TO ORDER

GHP3	TIPO TYPE	ROTAZIONE ROTATION	TAGLIA SIZE	ALBERO* SHAFT*	PORTE* PORTS*	GUARNIZIONI* SEALS*	OPZIONI* OPTIONS*	DRENAGGIO* DRAIN*
	omit	D DESTRA CLOCKWISE	30					
	A	S SINISTRA COUNTER CLOCKWISE	33					
	A2	R** REVERSIBILE REVERSIBLE	40					
	BK1		50					
	5		60					
			66					
			80					
			94					
			110					
			120					
			135					

Guarnizioni / Seals
omit (T range = -10°C + 80°C)
V
H
...

Opzioni / Options
TR
...

Drenaggio (solo per rotazione R)
Drain (only for R rotation)
E0 = drenaggio interno/internal drain
E1 = drenaggio esterno/external drain G3/8
*** E2 = drenaggio esterno/external drain 3/4-16 UNF
E3 = drenaggio esterno/external drain G1/4
*** E4 = drenaggio esterno/external drain 9/16-18 UNF

(*) = campi da specificare se diversi dallo standard
"tipo pompa" / to be specified if different from
standard pump type
(**) = La rotazione reversibile R è disponibile per tutte le
taglie indicate / R rotation is available for all
listed displacements
(***) = Porte di drenaggio lavorate secondo la specifica
SAE J1926/1 (ISO 11926-1) relativa a porte
filettate con tenuta O-ring. / Drain ports are
machined in compliance with threaded port with
O-ring seal in truncated housing SAE J1926/1
(ISO 11926-1).

Tipi Pompa Standard / Pump Standard Types

omit	= flangia europea + albero T0 + porte E + guarnizioni standard / european flange + shaft T0 + ports E + standard seals
A	= flangia A + albero C1 + porte A + guarnizioni standard / flange A + shaft C1 + ports A + standard seals
A2	= flangia A2 + albero C1 + porte A + guarnizioni standard / flange A2 + shaft C1 + ports A + standard seals
BK1	= flangia BK1 + albero T1 + porte D + guarnizioni standard / flange BK1 + shaft T1 + ports D + standard seals
5	= flangia 5 + albero T2 + porte E + guarnizioni standard / flange 5 + shaft T2 + ports E + standard seals

Esempi / Examples:

GHP3-D-30	= pompa destra, 20 cc/rev, flangia europea, albero conico 1:8, porte flangiate tipo E, guarnizioni standard rotation, 20 cc/rev, european flange, 1:8 tapered shaft, flanged ports E type, standard seals
GHP3-D-30-C0	= pompa destra, 20 cc/rev, flangia europea, albero cilindrico (C0), porte flangiate tipo E, guarnizioni standard clockwise rotation, 20 cc/rev, european flange, cylindrical shaft (C0), flanged ports E type, standard seals
GHP3A-D-30-E	= pompa destra, 20 cc/rev, flangia SAE B-2 fori, albero cilindrico, porte flangiate (E), guarnizioni standard clockwise rotation, 20 cc/rev, SAE B 2 bolt flange, cylindrical shaft, european flanged ports (E), standard seals

LE TAVOLE DI PRODOTTO RAPPRESENTANO I TIPI POMPA STANDARD PER MARZOCCHI POMPE. LE TAVOLE SINOTTICHE DI FLANGE, ALBERI E PORTE HANNO LO SCOPO DI RAPPRESENTARE TUTTE LE POSSIBILI CONFIGURAZIONI DI PRODOTTO. PER MAGGIORI DETTAGLI SULLE DISPONIBILITÀ E CONDIZIONI DI FORNITURA, CONSIGLIAMO DI INTERPELLARE IL NOSTRO UFFICIO TECNICO-COMMERCIALE.

THE PRODUCT DATA SHEETS SHOW OUR STANDARD MODEL TYPES. THE SYNOPTIC TABLES FOR FLANGES, SHAFTS AND PORTS SHOW ALL THE POSSIBLE CONFIGURATIONS. FOR FURTHER DETAILS ABOUT THE AVAILABILITY OF EACH CONFIGURATION PLEASE CONTACT OUR SALES AND TECHNICAL DEPT.

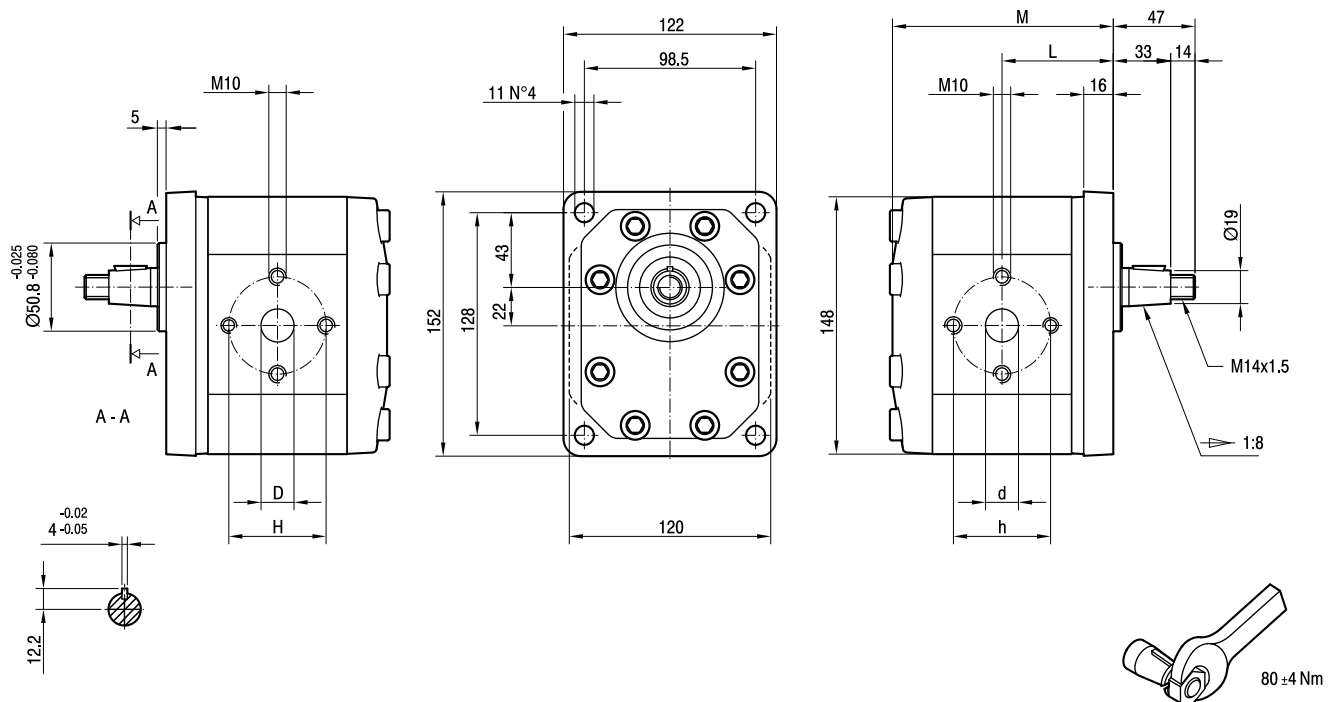
GHP3

Parti accessorie a corredo della pompa standard: linguetta a disco (codice 522058), dado M14x1.5 (codice 523017), rosetta elastica spaccata (codice 523006).
Porte standard: filetti M10 profondità utile 19 mm.

Accessories supplied with the standard pump: woodruff key (code 522058), M14x1.5 hexagonal nut (code 523017), washer (code 523006).
Standard ports: M10 threads depth 19 mm.

MANDATA
OUTLET

ASPIRAZIONE
INLET



TIPO TYPE	CILINDRATA DISPLACEMENT	PORTATA a 1500 giri/min FLOW at 1500 rev/min	PRESSIONI MASSIME MAX PRESSURE			VELOCITÀ MASSIMA MAX SPEED	DIMENSIONI DIMENSIONS					
			P ₁	P ₂	P ₃		L	M	d	D	h	H
	cm ³ /giro [cm ³ /rev]	litri/min [litres/min]	bar	bar	bar	giri/min [rpm]	mm	mm	mm	mm	mm	mm
GHP3-D-30	20	29	280	295	310	3500	64	127	27	19	56	56
GHP3-D-33	22	31	280	295	310	3500	64,5	128	27	19	56	56
GHP3-D-40	26	37	280	295	310	3000	66	131	27	19	56	56
GHP3-D-50	33	48	270	285	300	3000	68,5	136	27	19	56	56
GHP3-D-60	39	56	260	275	290	3000	70,5	140	27	19	56	56
GHP3-D-66	44	62	250	265	280	2800	72	143	27	27	51	51
GHP3-D-80	52	74	230	245	260	2400	75	149	27	27	56	56
GHP3-D-94	61	87	210	225	240	2800	78	155	33	27	62	51
GHP3-D-110	71	101	200	215	230	2500	81,5	162	33	27	62	51
GHP3-D-120	78	112	180	195	210	2300	84	167	33	27	62	51
GHP3-D-135	87	124	160	175	190	2000	87	173	33	27	62	51

GHP3A

Parti accessorie a corredo della pompa standard: linguetta (codice 522068).

Monta flangia 101-2 (B) secondo norma SAE J744c.

Filetto 1/4-28 UNF profondità utile 20 mm.

* Porte standard: filetti 3/8-16 UNC profondità utile 19 mm, filetti 7/16-14 UNC profondità utile 19 mm.

Accessories supplied with the standard pump: key (code 522068).

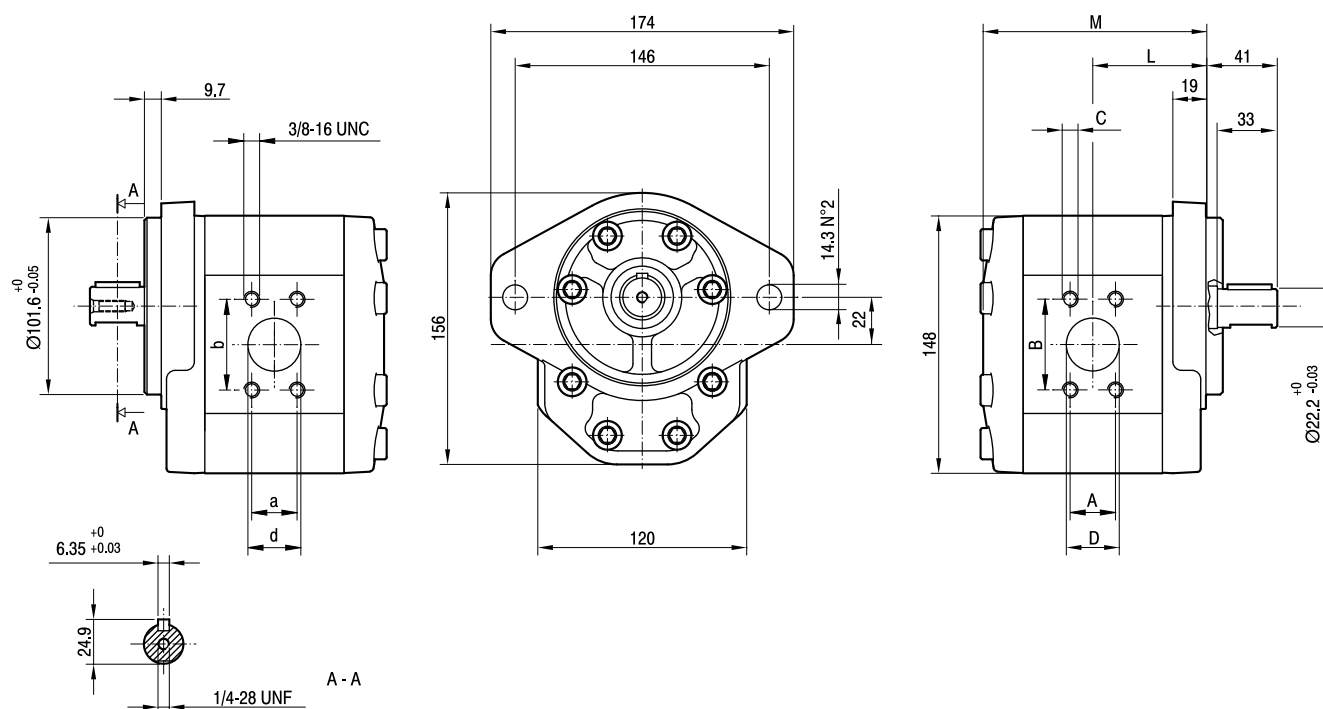
Mounting flange 101-2 (B) in compliance with SAE J744c.

1/4-28 UNF thread depth 20 mm.

* Standard ports: 3/8-16 UNC threads depth 19 mm, 7/16-14 UNC threads depth 19 mm.

MANDATA
OUTLET

ASPIRAZIONE
INLET



TIPO TYPE	CILINDRATA DISPLACEMENT	PORTATA a 1500 giri/min FLOW at 1500 rev/min	PRESSIONI MASSIME MAX PRESSURE			VELOCITÀ MASSIMA MAX SPEED	DIMENSIONI DIMENSIONS								
			P ₁	P ₂	P ₃		L	M	A	B	*C	D	a	b	d
	cm ³ /giro [cm ³ /rev]	litri/min [litres/min]	bar	bar	bar	giri/min [rpm]	mm	mm	mm	mm	UNC	mm	mm	mm	mm
GHP3A-D-30	20	29	280	295	310	3500	65	128	26,19	52,37	3/8	27	22,23	47,63	19
GHP3A-D-33	22	31	280	295	310	3500	65,5	129	26,19	52,37	3/8	27	22,23	47,63	19
GHP3A-D-40	26	37	280	295	310	3300	67	132	26,19	52,37	3/8	27	22,23	47,63	19
GHP3A-D-50	33	48	270	285	300	3300	69,5	137	26,19	52,37	3/8	27	22,23	47,63	19
GHP3A-D-60	39	56	260	275	290	3000	71,5	141	26,19	52,37	3/8	27	22,23	47,63	19
GHP3A-D-66	44	62	250	265	280	2800	73	144	26,19	52,37	3/8	27	22,23	47,63	19
GHP3A-D-80	52	74	230	245	260	2500	76	150	26,19	52,37	3/8	27	22,23	47,63	19
GHP3A-D-94	61	87	210	225	240	2800	79	156	30,2	58,7	7/16	33	26,19	52,37	27
GHP3A-D-110	71	101	200	215	230	2500	82,5	163	30,2	58,7	7/16	33	26,19	52,37	27
GHP3A-D-120	78	112	180	195	210	2300	85	168	30,2	58,7	7/16	33	26,19	52,37	27
GHP3A-D-135	87	124	160	175	190	2000	88	174	30,2	58,7	7/16	33	26,19	52,37	27

GHP3A2

Parti accessorie a corredo della pompa standard: linguetta (codice 522068).

Monta flangia 82-2 (A) secondo norma SAE J744c.

Filetto 1/4-28 UNF profondità utile 20 mm

* Porte standard: filetti 3/8-16 UNC

profondità utile 19 mm, filetti

7/16-14 UNC profondità utile 19 mm.

Accessories supplied with the standard pump: key (code 522068).

Mounting flange 82-2 (A) in compliance with SAE J744c.

1/4-28 UNF thread depth 20 mm.

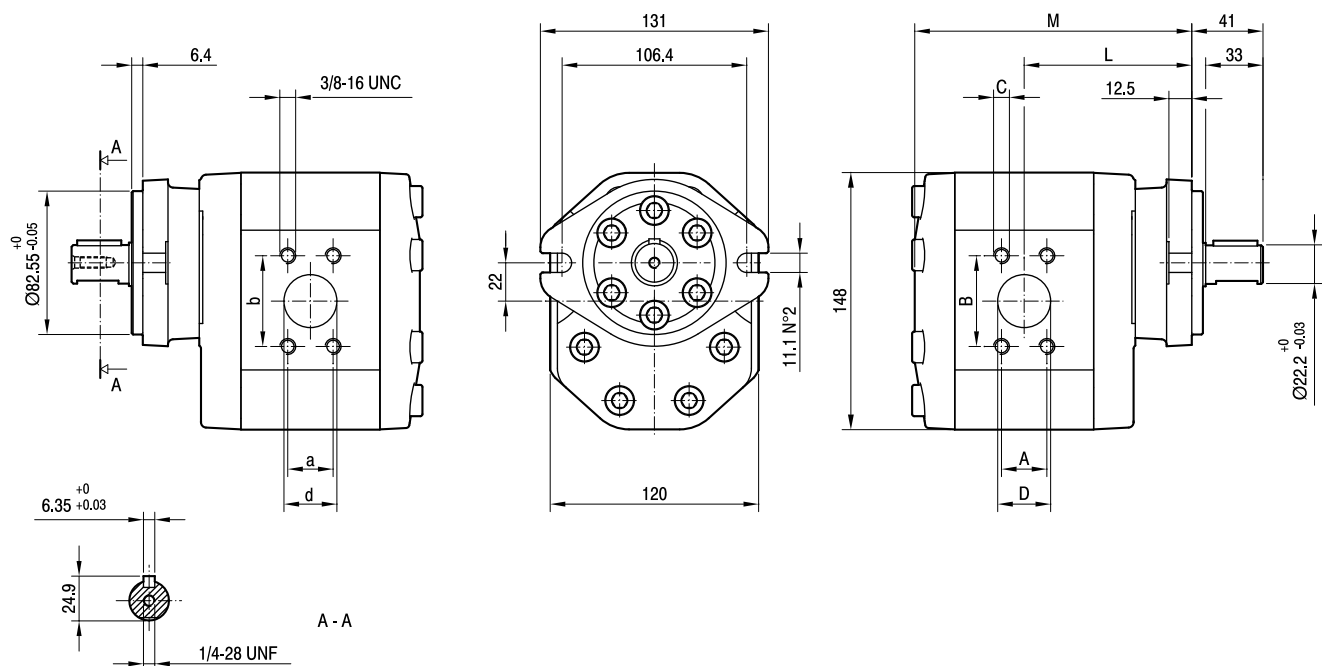
* Standard ports:

3/8-16 UNC threads depth 19 mm,

7/16-14 UNC threads depth 19 mm.

MANDATA
OUTLET

ASPIRAZIONE
INLET



TIPO TYPE	CILINDRATA DISPLACEMENT	PORTATA a 1500 giri/min FLOW at 1500 rev/min	PRESSIONI MASSIME MAX PRESSURE			VELOCITÀ MASSIMA MAX SPEED	DIMENSIONI DIMENSIONS								
			P ₁	P ₂	P ₃		L	M	A	B	*C	D	a	b	d
	cm ³ /giro [cm ³ /rev]	litri/min [litres/min]	bar	bar	bar	giri/min [rpm]	mm	mm	mm	mm	UNC	mm	mm	mm	mm
GHP3A2-D-30	20	29	280	295	310	3500	96,5	159,5	26,19	52,37	3/8	27	22,23	47,63	19
GHP3A2-D-33	22	31	280	295	310	3500	97	160,5	26,19	52,37	3/8	27	22,23	47,63	19
GHP3A2-D-40	26	37	280	295	310	3300	98,5	163,5	26,19	52,37	3/8	27	22,23	47,63	19
GHP3A2-D-50	33	48	270	285	300	3300	101	168,5	26,19	52,37	3/8	27	22,23	47,63	19
GHP3A2-D-60	39	56	260	275	290	3000	103	172,5	26,19	52,37	3/8	27	22,23	47,63	19
GHP3A2-D-66	44	62	250	265	280	2800	104,5	175,5	26,19	52,37	3/8	27	22,23	47,63	19
GHP3A2-D-80	52	74	230	245	260	2500	107,5	181,5	26,19	52,37	3/8	27	22,23	47,63	19
GHP3A2-D-94	61	87	210	225	240	2800	110,5	187,5	30,2	58,7	7/16	33	26,19	52,37	27
GHP3A2-D-110	71	101	200	215	230	2500	114	194,5	30,2	58,7	7/16	33	26,19	52,37	27
GHP3A2-D-120	78	112	180	195	210	2300	116,5	199,5	30,2	58,7	7/16	33	26,19	52,37	27
GHP3A2-D-135	87	124	160	175	190	2000	119,5	205,5	30,2	58,7	7/16	33	26,19	52,37	27

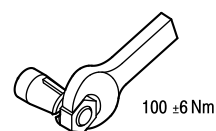
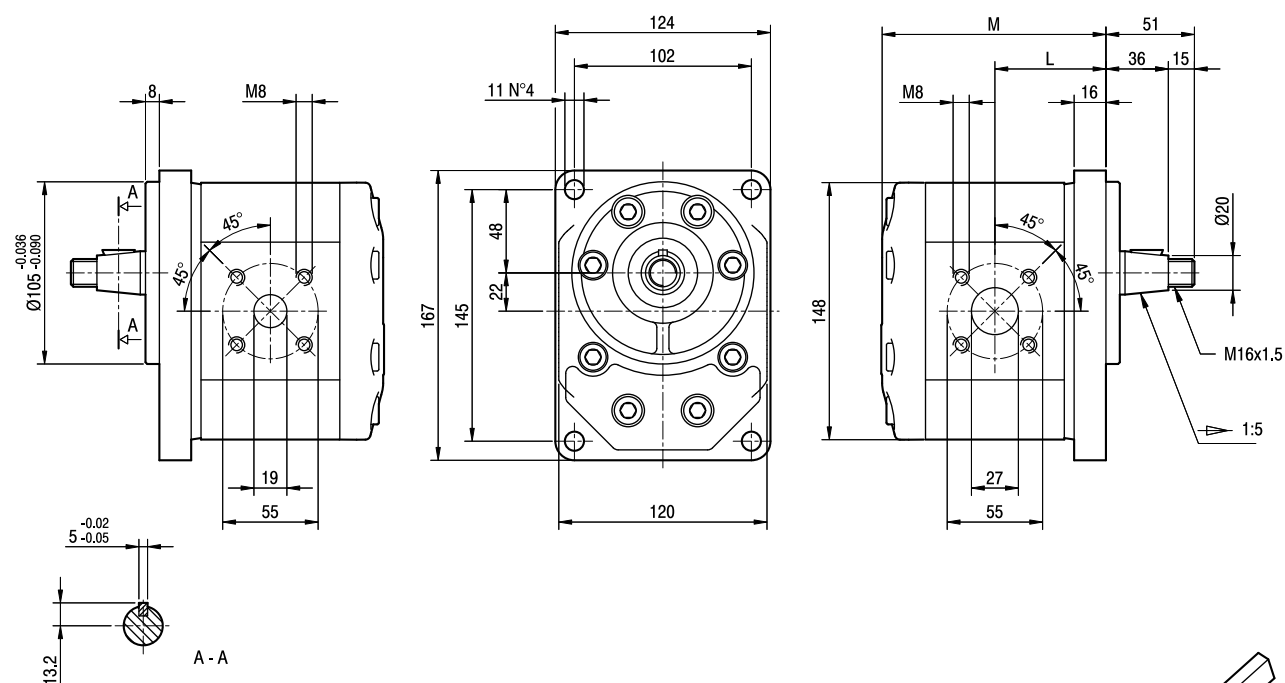
GHP3BK1

Parti accessorie a corredo della pompa standard: linguetta a disco (codice 522060), dado M16x1.5 (codice 523018), rosetta elastica spaccata (codice 523007).
Porte standard: filetti M8 profondità utile 17 mm.

Accessories supplied with the standard pump: woodruff key (code 522060), M16x1.5 exagonal nut (code 523018), washer (code 523007).
Standard ports: M8 threads depth 17 mm.

MANDATA
OUTLET

ASPIRAZIONE
INLET



TIPO TYPE	CILINDRATA DISPLACEMENT	PORTATA a 1500 giri/min FLOW at 1500 rev/min	PRESSIONI MASSIME MAX PRESSURE			VELOCITÀ MASSIMA MAX SPEED	DIMENSIONI DIMENSIONS	
			P ₁	P ₂	P ₃		L	M
	cm ³ /giro [cm ³ /rev]	litri/min [litres/min]	bar	bar	bar	giri/min [rpm]	mm	mm
GHP3BK1 D -30	20	29	280	295	310	3500	64	127
GHP3BK1 D -33	22	31	280	295	310	3500	64,5	128
GHP3BK1 D -40	26	37	280	295	310	3000	66	131
GHP3BK1 D -50	33	48	270	285	300	3000	68,5	136
GHP3BK1 D -60	39	56	260	275	290	3000	70,5	140
GHP3BK1 D -66	44	62	250	265	280	2800	72	143
GHP3BK1 D -80	52	74	230	245	260	2400	75	149

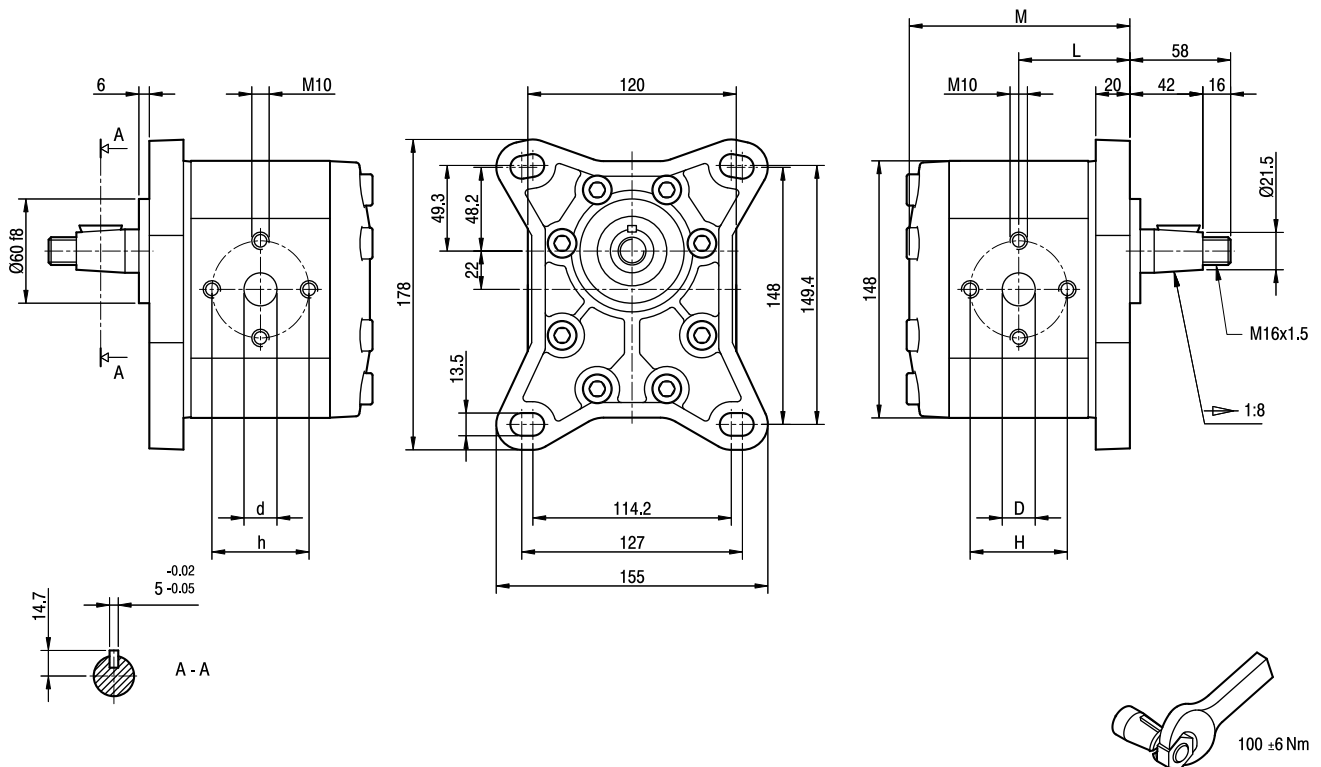
GHP35

Parti accessorie a corredo della pompa standard: linguetta a disco (codice 522060), dado M16x1.5 (codice 523018), rosetta elastica spaccata (codice 523007).
Porte standard: filetti M10 profondità utile 19 mm.

Accessories supplied with the standard pump: woodruff key (code 522060), M16x1.5 hexagonal nut (code 523018), washer (code 523007).
Standard ports: M10 threads depth 19 mm.

MANDATA
OUTLET

ASPIRAZIONE
INLET

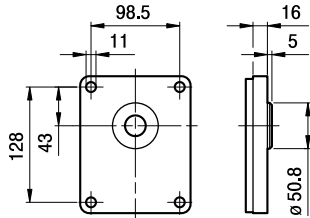


TIPO TYPE	CILINDRATA DISPLACEMENT	PORTATA a 1500 giri/min FLOW at 1500 rev/min	PRESSIONI MASSIME MAX PRESSURE			VELOCITÀ MASSIMA MAX SPEED	DIMENSIONI DIMENSIONS					
			P ₁	P ₂	P ₃		L	M	D	d	H	h
	cm ³ /giro [cm ³ /rev]	litri/min [litres/min]	bar	bar	bar	giri/min [rpm]	mm	mm	mm	mm	mm	mm
GHP35-D-66	44	62	250	265	280	2800	72	143	27	27	51	51
GHP35-D-80	52	74	230	245	260	2400	75	149	27	27	56	56
GHP35-D-94	61	87	210	225	240	2800	78	155	33	27	62	51
GHP35-D-110	71	101	200	215	230	2500	81,5	162	33	27	62	51
GHP35-D-120	78	112	180	195	210	2300	84	167	33	27	62	51
GHP35-D-135	87	124	160	175	190	2000	87	173	33	27	62	51

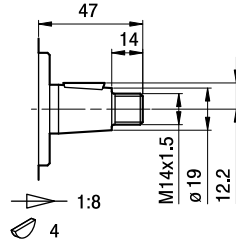
GHP3

FLANGE / FLANGES

ALBERI / SHAFTS

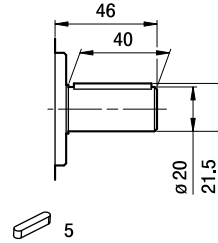


A



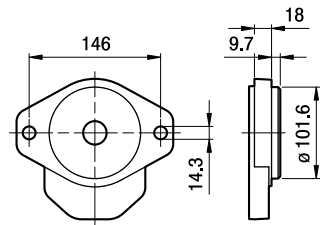
T0

Coppia Max
Max Torque 300 Nm

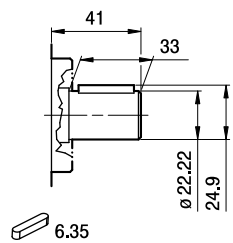


C0

Coppia Max
Max Torque 350 Nm

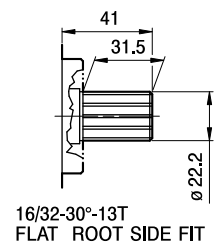


A



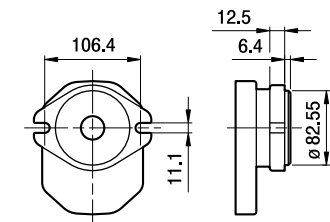
C1

Coppia Max
Max Torque 450 Nm

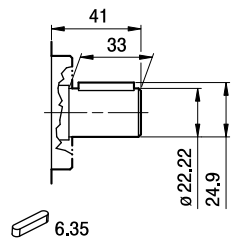


S1

Coppia Max
Max Torque 600 Nm

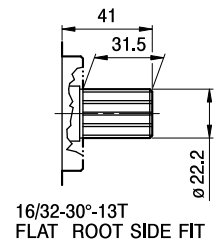


A2



C1

Coppia Max
Max Torque 450 Nm

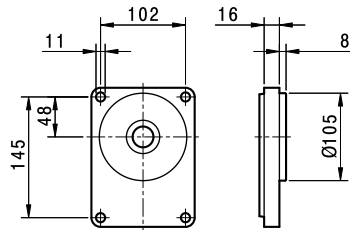


S1

Coppia Max
Max Torque 600 Nm

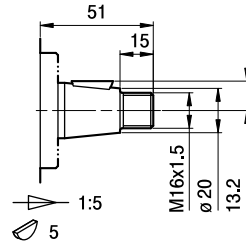
GHP3

FLANGE / FLANGES



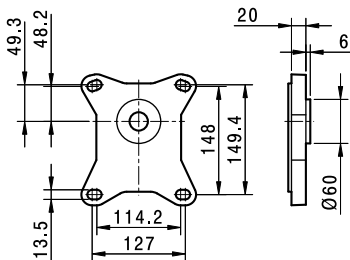
BK1

ALBERI / SHAFTS

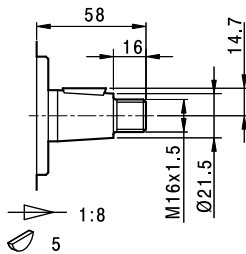


T1

Coppia Max
Max Torque 300 Nm



5

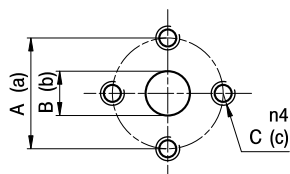


T2

Coppia Max
Max Torque 400 Nm

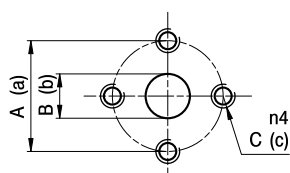
GHP3

PORTE / PORTS


E

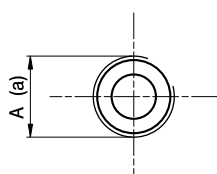
TIPO TYPE	ASPIRAZIONE INLET			MANDATA OUTLET		
	A	B	C	a	b	c
GHP3...30 ÷ GHP3...60	56	27	M10	56	19	M10
GHP3...66	51	27	M10	51	27	M10
GHP3...80	56	27	M10	56	27	M10
GHP3...94 ÷ GHP3...135	62	33	M10	51	27	M10

I valori delle coppie di serraggio delle viti presenti nel kit raccordo sono indicate a pag 55 (capitolo accessori).
Tightening torques of the fittings screws are specified on page 55 (accessories section).


EP

TIPO TYPE	ASPIRAZIONE INLET			MANDATA OUTLET		
	A	B	C	a	b	c
GHP3...30 ÷ GHP3...33	40	19	M8	40	19	M8
GHP3...40 ÷ GHP3...80	51	27	M10	40	19	M8

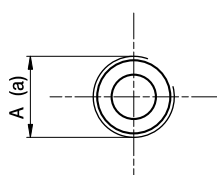
I valori delle coppie di serraggio delle viti presenti nel kit raccordo sono indicate a pag 55 (capitolo accessori).
Tightening torques of the fittings screws are specified on page 55 (accessories section).


FG

TIPO TYPE	ASPIRAZIONE INLET	MANDATA OUTLET
	A	a
GHP3...30 ÷ GHP3...33	G3/4	G3/4
GHP3...40 ÷ GHP3...60	G1	G3/4
GHP3...66 ÷ GHP3...94	G1 1/4	G1
GHP3...110 ÷ GHP3...135	G1 1/2	G1 1/4

Raccordo G3/4 coppia di serraggio massima 60 Nm. Raccordo G1 coppia di serraggio massima 70 Nm. Raccordo G1 1/4 coppia di serraggio massima 80 Nm. Raccordo G1 1/2 coppia di serraggio massima 90 Nm. Consigliamo di richiedere conferma al fornitore del raccordo.

Tightening torques for G3/4 fitting: 60 Nm. Tightening torques for G1 fitting: 70 Nm. Tightening torques for G1 1/4 fitting: 80 Nm. Tightening torques for G1 1/2 fitting: 90 Nm. Please check with the fittings suppliers.


FC

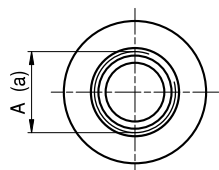
TIPO TYPE	ASPIRAZIONE INLET	MANDATA OUTLET
	A	a
GHP3...30 ÷ GHP3...33	Rc3/4	Rc3/4
GHP3...40 ÷ GHP3...60	Rc1	Rc3/4
GHP3...66 ÷ GHP3...94	Rc1 1/4	Rc1
GHP3...110 ÷ GHP3...135	Rc1 1/2	Rc1 1/4

Raccordo Rc3/4 coppia di serraggio massima 60 Nm. Raccordo Rc1 coppia di serraggio massima 70 Nm. Raccordo Rc1 1/4 coppia di serraggio massima 80 Nm. Raccordo Rc1 1/2 coppia di serraggio massima 90 Nm. Consigliamo di richiedere conferma al fornitore del raccordo.

Tightening torques for Rc3/4 fitting: 60 Nm. Tightening torques for Rc1 fitting: 70 Nm. Tightening torques for Rc1 1/4 fitting: 80 Nm. Tightening torques for Rc1 1/2 fitting: 90 Nm. Please check with the fittings suppliers.

GHP3

PORTE / PORTS



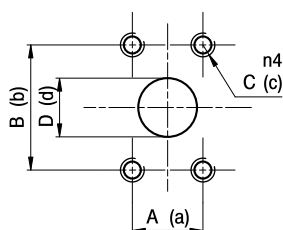
STANDARD SAE J1926/1

FA

TIPO TYPE	ASPIRAZIONE INLET	MANDATA OUTLET
	A	a
GHP3...30 ÷ GHP3...50	1 5/16-12 UNF	1 1/16-12 UNF
GHP3...60 ÷ GHP3...80	1 5/8-12 UNF	1 1/16-12 UNF
GHP3...94 ÷ GHP3...135	1 7/8-12 UNF	1 5/16-12 UNF

Raccordo 1 1/16-12 UNF coppia di serraggio massima 70 Nm. Raccordo 1 5/16-12 UNF coppia di serraggio massima 80 Nm. Raccordo 1 5/8-12 UNF coppia di serraggio massima 80 Nm. Raccordo 1 7/8-12 UNF coppia di serraggio massima 80 Nm. Consigliamo di richiedere conferma al fornitore del raccordo.

Tightening torques for 1 1/16-12 UNF fitting: 70 Nm. Tightening torques for 1 5/16-12 UNF fitting: 80 Nm. Tightening torques for 1 5/8-12 UNF fitting: 80 Nm. Tightening torques for 1 7/8-12 UNF fitting: 80 Nm. Please check with the fittings suppliers.

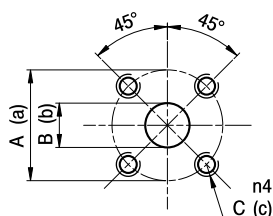


A

TIPO TYPE	ASPIRAZIONE INLET				MANDATA OUTLET			
	A	B	C	D	a	b	c	d
GHP3...30 ÷ GHP3...80	26,19	52,37	3/8-16 UNC	27	22,23	47,63	3/8-16 UNC	19
GHP3...94 ÷ GHP3...135	30,2	58,7	7/16-14 UNC	33	26,19	52,37	3/8-16 UNC	27

I valori delle coppie di serraggio delle viti presenti nel kit raccordo sono indicate a pag 55 (capitolo accessori).

Tightening torques of the fittings screws are specified on page 55 (accessories section).



D

TIPO TYPE	ASPIRAZIONE INLET			MANDATA OUTLET		
	A	B	C	a	b	c
GHP3...30 ÷ GHP3...80	55	27	M8	55	19	M8

I valori delle coppie di serraggio delle viti presenti nel kit raccordo sono indicate a pag 55 (capitolo accessori).

Tightening torques of the fittings screws are specified on page 55 (accessories section).