

Part number:

076-10003a**HYDROMA**

HYDRAULICKÉ SYSTÉMY

**HIDROMA
SYSTEMS**

UKŁADY HYDRAULICZNE

HYDROMA

ГИДРАВЛИЧЕСКИЕ СИСТЕМЫ

ALP2

COME ORDINARE / HOW TO ORDER

| ALP2 | TIPO TYPE | ROTAZIONE ROTATION | TAGLIA SIZE | ALBERO* SHAFT* | PORTE* PORTS* | GUARNIZIONI* SEALS* | OPZIONI* OPTIONS* | DRENAGGIO DRAIN |
|------|--------------|------------------------------------|----------------|-------------------|------------------|------------------------|----------------------|--------------------|
| | omit | D DESTRA CLOCKWISE | 6 | | | | | |
| | A | S SINISTRA COUNTER CLOCKWISE | 9 | | | | | |
| | BK1 | R** REVERSIBILE REVERSIBLE | 10 | | | | | |
| | BK2 | | 12 | | | | | |
| | BK4 | | 13 | | | | | |
| | BK7 | | 16 | | | | | |
| | | | 20 | | | | | |
| | | | 22 | | | | | |
| | | | 25 | | | | | |
| | | | 30 | | | | | |
| | | | 34 | | | | | |
| | | | 37 | | | | | |
| | | | 40 | | | | | |
| | | | 50 | | | | | |

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

Opzioni / Options
TR
VM
OR***
...

Drenaggio / Drain
E0 = drenaggio interno/internal drain
E1 = drenaggio esterno/external drain G1/4
**** E2 = drenaggio esterno/external drain 9/16-18 UNF
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 |
| 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:

| | |
|---------------|---|
| ALP2-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 |
| ALP2-D-6-CO | = pompa destra, 4.5 cc/rev, flangia europea, albero cilindrico (CO), porte flangiate tipo E, guarnizioni standard clockwise rotation, 4.5 cc/rev, european flange, cylindrical shaft (CO), flanged ports E type, standard seals |
| ALP2BK2-D-6-E | = pompa destra, 4.5 cc/rev, flangia tedesca quadrata, albero conico 1:5, porte flangiate tipo (E), guarnizioni standard clockwise rotation, 4.5 cc/rev, german square flange, 1:5 tapered shaft, european flanged ports (E), standard seals |
| ALP2A-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.

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076-10003b

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ГИДРАВЛИЧЕСКИЕ СИСТЕМЫ

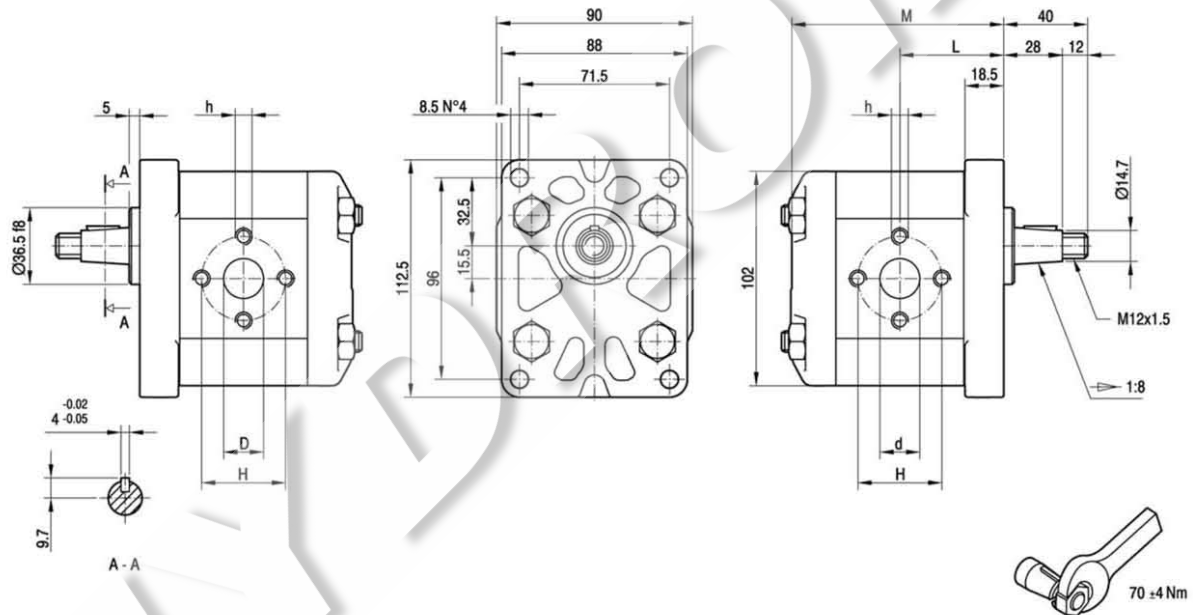
ALP2

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 | |
| ALP2-D6 | 4,5 | 6,4 | 250 | 270 | 290 | 4000 | 45,5 | 93,5 | 13 | 13 | M6 | 30 |
| ALP2-D9 | 6,4 | 9,1 | 250 | 270 | 290 | 4000 | 47 | 96,5 | 13 | 13 | M6 | 30 |
| ALP2-D10 | 7,0 | 10,0 | 250 | 270 | 290 | 4000 | 47,5 | 97,5 | 13 | 13 | M8 | 40 |
| ALP2-D12 | 8,3 | 11,8 | 250 | 270 | 290 | 3500 | 48,5 | 99,5 | 13 | 13 | M8 | 40 |
| ALP2-D13 | 9,6 | 13,7 | 250 | 270 | 290 | 3000 | 49,5 | 101,5 | 13 | 13 | M8 | 40 |
| ALP2-D16 | 11,5 | 16,4 | 230 | 250 | 270 | 4000 | 51 | 104,5 | 19 | 13 | M8 | 40 |
| ALP2-D20 | 14,1 | 20,1 | 230 | 250 | 270 | 4000 | 53 | 108,5 | 19 | 13 | M8 | 40 |
| ALP2-D22 | 16,0 | 22,8 | 210 | 225 | 240 | 4000 | 54,5 | 111,5 | 19 | 13 | M8 | 40 |
| ALP2-D25 | 17,9 | 25,5 | 210 | 225 | 240 | 3600 | 56 | 114,5 | 19 | 13 | M8 | 40 |
| ALP2-D30 | 21,1 | 30,1 | 180 | 195 | 210 | 3200 | 58,5 | 119,5 | 19 | 19 | M8 | 40 |
| ALP2-D34 | 23,7 | 33,7 | 180 | 195 | 210 | 3000 | 60,5 | 123,5 | 19 | 19 | M8 | 40 |
| ALP2-D37 | 25,5 | 36,4 | 170 | 185 | 200 | 2800 | 62 | 126,5 | 19 | 19 | M8 | 40 |
| ALP2-D40 | 28,2 | 40,1 | 170 | 185 | 200 | 2500 | 64 | 130,5 | 19 | 19 | M8 | 40 |
| ALP2-D50 | 35,2 | 50,2 | 140 | 155 | 170 | 2500 | 69,5 | 141,5 | 21 | 19 | M8 | 40 |

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HYDROMA

HYDRAULICKÉ SYSTÉMY

**HIDROMA
SYSTEMS**

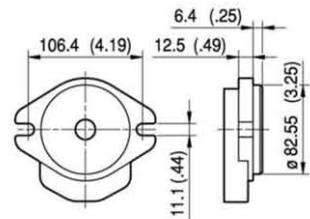
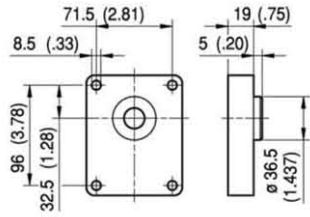
UKŁADY HYDRAULICZNE

HYDROMA

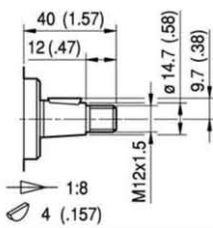
ГИДРАВЛИЧЕСКИЕ СИСТЕМЫ

ALP2

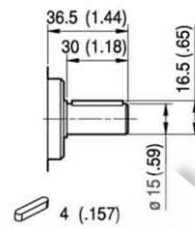
FLANGE / FLANGES



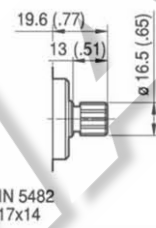
ALBERI / SHAFTS



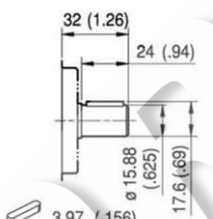
Coppia Max
Max Torque 200 Nm



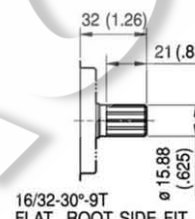
Coppia Max
Max Torque 135 Nm



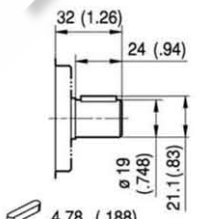
Coppia Max
Max Torque 140 Nm



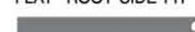
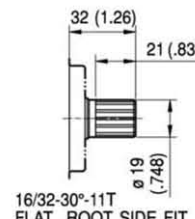
Coppia Max
Max Torque 140 Nm



Coppia Max
Max Torque 185 Nm



Coppia Max
Max Torque 160 Nm



Coppia Max
Max Torque 200 Nm

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HYDROMA

HYDRAULICKÉ SYSTÉMY

**HIDROMA
SYSTEMS**

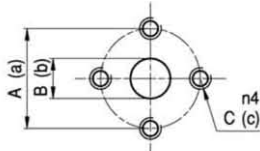
UKŁADY HYDRAULICZNE

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ГИДРАВЛИЧЕСКИЕ СИСТЕМЫ

ALP2

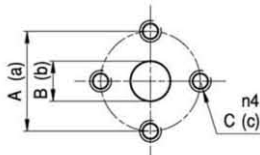
PORTE / PORTS



E

| TIPO TYPE | ASPIRAZIONE INLET | | | MANDATA OUTLET | | |
|-----------------------|----------------------|----|----|-------------------|----|----|
| | A | B | C | a | b | c |
| ALP2...6 ÷ ALP2...9 | 30 | 13 | M6 | 30 | 13 | M6 |
| ALP2...10 ÷ ALP2...13 | 40 | 13 | M8 | 40 | 13 | M8 |
| ALP2...16 ÷ ALP2...25 | 40 | 19 | M8 | 40 | 13 | M8 |
| ALP2...30 ÷ ALP2...40 | 40 | 19 | M8 | 40 | 19 | M8 |
| ALP2...50 | 40 | 21 | M8 | 40 | 19 | M8 |

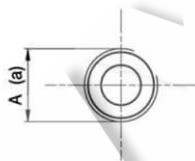
I valori delle coppie di serraggio delle viti presenti nel kit raccordo sono indicate a pag. 57 (capitolo accessori).
Tightening torques of the fittings screws are specified on page 57 (accessories section).



EP

| TIPO TYPE | ASPIRAZIONE INLET | | | MANDATA OUTLET | | |
|-----------------------|----------------------|----|----|-------------------|----|----|
| | A | B | C | a | b | c |
| ALP2...10 ÷ ALP2...13 | 30 | 13 | M6 | 30 | 13 | M6 |
| ALP2...16 ÷ ALP2...40 | 40 | 19 | M8 | 30 | 13 | M6 |

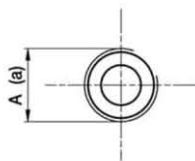
I valori delle coppie di serraggio delle viti presenti nel kit raccordo sono indicate a pag. 57 (capitolo accessori).
Tightening torques of the fittings screws are specified on page 57 (accessories section).



FG

| TIPO TYPE | ASPIRAZIONE INLET | MANDATA OUTLET |
|-----------------------|----------------------|-------------------|
| | A | a |
| ALP2...6 ÷ ALP2...16 | G1/2 | G1/2 |
| ALP2...20 ÷ ALP2...50 | 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 |
| ALP2...6 ÷ ALP2...16 | Rc1/2 | Rc1/2 |
| ALP2...20 ÷ ALP2...50 | 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.

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ГИДРАВЛИЧЕСКИЕ СИСТЕМЫ

Potenza assorbita Absorbed power P [kW]
Momento torcente assorbito Absorbed torque M [Nm]
Velocità di rotazione Drive speed n [giri/min] [rpm]

