

# LK series

## 180HP



LK 36 / 40 / 45



LK 50 / 55 / 60

### COSTRUZIONE

- Pompa a 3 pistoni tuffanti orizzontali, disponibile in 6 versioni.
- Sistema di tenute con camera di ricircolo e lubrificazione in bassa pressione.
- Valvole aspirazione mandata a contatto sferico.
- Lubrificazione a sbattimento.
- Riduttore di giri interno disponibile in 3 rapporti di riduzione - Albero presa di moto doppia sporgenza
- Kit drenaggio valvole.
- Versioni disponibili su richiesta con sistema di flussaggio tenute.

### CONSTRUCTION

- Triplex plunger pump, available in 6 versions.
- Low-high pressure packing design with integrated cooling system.
- High volumetric efficiency suction/delivery valves featuring new spherical design of sealing areas.
- Splash lubrication.
- Built-in gearbox available in 3 ratios
- Drive shaft double PTO
- Drain valve kit.
- Flushing systems available on request on selected versions.

| Tipo pompa<br>Pump type | Portata - Volume<br>Con riduttore - With Gearbox |        |             |        |             |        | Pressione<br>Pressure |     |        | Potenza<br>Power |     | Peso<br>Weight | Dimensioni<br>Dimensions |
|-------------------------|--------------------------------------------------|--------|-------------|--------|-------------|--------|-----------------------|-----|--------|------------------|-----|----------------|--------------------------|
|                         | 1500 r.p.m.                                      |        | 1750 r.p.m. |        | 1900 r.p.m. |        | bar                   | MPa | p.s.i. | hp               | kW  | kg             | mm                       |
|                         | l/min                                            | US Gpm | l/min       | US Gpm | l/min       | US Gpm |                       |     |        |                  |     |                |                          |
|                         |                                                  |        |             |        |             |        |                       |     |        |                  |     |                |                          |
| LK 36                   | 140                                              | 37.0   | 152         | 40.2   | 154         | 40.7   | 400                   | 40  | 5800   | 161              | 118 | 373            | 929,5x672x386,5          |
| LK 40                   | 173                                              | 45.7   | 188         | 49.7   | 190         | 50.2   | 350                   | 35  | 5075   | 173              | 127 | 373            | 929,5x672x386,5          |
| LK 45                   | 218                                              | 57.6   | 238         | 62.9   | 241         | 63.7   | 280                   | 28  | 4060   | 176              | 129 | 373            | 929,5x672x386,5          |
| LK 50                   | 269                                              | 71.1   | 294         | 77.7   | 297         | 78.5   | 230                   | 23  | 3335   | 177              | 130 | 383            | 941,5x672x406            |
| LK 55                   | 326                                              | 86.1   | 355         | 93.8   | 360         | 95.1   | 190                   | 19  | 2755   | 178              | 131 | 383            | 941,5x672x406            |
| LK 60                   | 388                                              | 102.5  | 423         | 111.8  | 428         | 113.1  | 160                   | 16  | 2320   | 178              | 131 | 383            | 941,5x672x406            |

Portate tecniche con rendimento volumetrico 100% / Volumes are theoretical at 100% volumetric efficiency

## VERSIONI A RICHIESTA - SPECIALIZED PUMPS

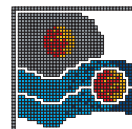
Per specifiche tecniche vedi catalogo POMPE PER APPLICAZIONI DEDICATE  
Specialized pumps (see SPECIALIZED PUMPS CATALOGUE)

### LKN version



Versioni inox DUPLEX ASTM F51  
Valvole inox 17/4PH  
Portate e pressioni : standard

DUPLEX steel ASTM F51  
17/4PH s.s. valves  
Standard flow and pressure rating



## ACCESSORI - ACCESSORIES

### FILTRI FILTERS

#### ■ F40

Polipropilene  
Polypropylene

170/365  
microns



8 bar  
0,8 MPa  
120 psi  
500 l/min  
132 gpm

### VALVOLE DI MASSIMA PRESSIONE MAX PRESSURE SETTING VALVES

#### ■ SV2

Ottone  
Brass



720 bar  
72 MPa  
10442 psi  
190 l/min  
50 gpm

#### ■ SV3

Ottone  
Brass



360 bar  
36 MPa  
5221 psi  
500 l/min  
132 gpm

#### ■ SX3

Acciaio inox  
Stainless steel



360 bar  
36 MPa  
5221 psi  
500 l/min  
132 gpm

### ACCUMULATORI ANTIPULSAZIONI PULSATION DAMPENERS

#### ■ A15

Volume 1,5 l  
Volume 1,5 l

Acciaio forgiato  
Forged steel



Max. 330 bar  
Max. 33 MPa  
Max. 4750 psi

#### ■ A15X

Volume 1,5 l  
Volume 1,5 l

Acciaio inox  
Stainless steel



Max. 150 bar  
Max. 15 MPa  
Max. 2150 psi

### VALVOLE PNEUMATICHE PNEUMATICALLY OPERATED VALVES

#### ■ PN2

Acciaio inox  
Stainless steel



#### PN2/140

140 bar  
14 MPa  
2030 psi  
230 l/min  
61 gpm

#### PN2/250

250 bar  
25 MPa  
3626 psi  
230 l/min  
61 gpm

#### PN2/500

500 bar  
50 MPa  
7250 psi  
230 l/min  
61 gpm

#### ■ PN3

Ghisa  
GS600  
GS600  
Cast iron



#### PN3/160

160 bar - 16 MPa  
2350 psi - 500 l/min  
132 gpm

#### PN3/240

240 bar - 24 MPa  
3500 psi - 420 l/min  
111 gpm

#### PN3/300

300 bar - 30 MPa  
4350 psi - 300 l/min  
79 gpm

### REGOLATORI DI PRESSIONE REGULATING VALVES

#### ■ RV3

Ghisa GS600  
GS600  
Cast iron



300 bar  
30 MPa  
4350 psi  
500 l/min  
132 gpm

#### ■ RV3 - 450

Ghisa GS600  
GS600  
Cast iron



450 bar  
45 MPa  
6600 psi  
200 l/min  
52.9 gpm

#### ■ RX3

Acciaio inox  
Stainless steel



300 bar  
30 MPa  
4350 psi  
500 l/min  
132 gpm

### MANOMETRI PRESSURE GAUGES

#### ■ PG1 ■ PG2



0-120 bar 0-12 MPa  
0-160 bar 0-16 MPa  
0-250 bar 0-25 MPa  
0-400 bar 0-40 MPa  
0-600 bar 0-60 MPa  
0-1000 bar 0-100 MPa

Attacco Gas 1/4"  
Connection Gas 1/4"

### VALVOLE NON RITORNO CHECK VALVES

#### ■ UD1



UD1/5  
UD1/02  
250 bar  
25 MPa  
3650 psi  
180 l/min  
48 gpm

Precarica / Load  
5 bar - 0,5 MPa - 72 psi  
0,2 bar - 0,02 MPa - 3 psi

### LANCE COMPLETE SPRAY GUNS

#### ■ P560

Lunghezza 750/1000mm  
Lenght 750/1000mm



600 bar - 60 MPa - 8700 psi  
60 l/min - 15.8 gpm

#### ■ P560/S

Lunghezza 750/1000mm  
Lenght 750/1000mm



600 bar - 60 MPa - 8700 psi  
60 l/min - 15.8 gpm

### UGELLI / NOZZLES

#### ■ N1

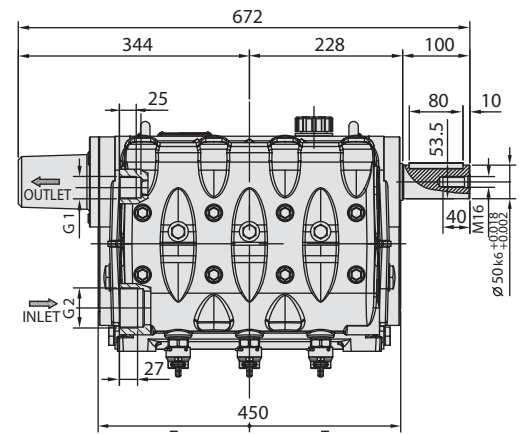


Max. 300 bar  
Max. 30 MPa  
Max. 4350 psi

Acciaio inox  
Stainless steel



LK Series: LK 36 - LK 40 - LK 45



|          |        |                     |
|----------|--------|---------------------|
| KIT 1151 | OUTLET | G 1" 1/4 - G 1" 1/2 |
| KIT 1152 | OUTLET | G 1" 1/4 - G 1" 1/4 |
| KIT 1201 | INLET  | -                   |
| KIT 1202 | INLET  | G 3"                |
| KIT 1203 | INLET  | O.D. Ø 90 mm E      |
| KIT 1214 | OUTLET | G 1" 1/4            |
| KIT 1215 | OUTLET | -                   |