

Characteristics

- **Max Delivery:**
220 cm³/min
(13,45 cu.in.)/min
- **Max pressure:**
30 bar (411 psi)
- **Prismart O for oil:**
 - min. 68 cSt
 - max. 320 cSt
- **Prismart FG for fluid grease:**
 - max. NLGI 00
- **Voltages:** 110 or
230 V / 50 and 60
Hz.
- **Standard minimum level:** with capac-
tance sensor for
light grease version,
with Samba level
sensor for oil ver-
sion.
- **Pressure gauge:**
mounted on the
pump at 60 bar (882
psi)
- **Pressure switch:**
as standard (N.O.)
to detect system in
pressure.

Applications

- Machine tools.
- Any small to medium
oil or fluid grease
system.
- Typically 1 to 50
points injector sys-
tems.

Prismart O / Prismart FG

*Oil and fluid grease electric gear Pump
for Single Line and 33V injector systems*



**ALL IN ONE PACKAGE FOR SMALL/MEDIUM OIL OR FLUID GREASE
INJECTOR SYSTEMS**

PRISMART O for oil and **PRIS-
MART FG** for fluid grease are a
pump package for integrated low
cost OEM application.

These pumps are ideal for appli-
cation in Single Line, typically
33V injector systems.

To facilitate the operations, all
connection and command ele-
ments have been positioned on
the front part of the pump:

1. The connector for power supply
and for the connection with PLC
machine for remote lubrication
control;
2. lubrication control button for direct
control of the pump independently
from the PLC machine;
3. Red light for pump functioning con-
trol.

Contacts

www.dropsa.com
sales@dropsa.com

ITALY

Dropsa SpA
 t. +39 02-250791
 f.+39 02-25079767

U.K.

Dropsa (UK) Ltd
 t. +44 (0)1784-431177
 f. +44 (0)1784-438598

GERMANY

Dropsa GmbH
 t. +49 (0)211-394-011
 f. +49 (0)211-394-013

FRANCE

Dropsa Ame
 t. +33 (0)1-3993-0033
 f. +33 (0)1-3986-2636

CHINA

Dropsa Lubrication SysTems
 Tel: +86 (021) 67740275
 Fax: +86 (021) 67740205

U.S.A.

Dropsa Corporation
 t. +1 586-566-1540
 f. +1 586-566-1541

AUSTRALIA

Dropsa Australia Ltd.
 t. +61 (0)2-9938-6644
 f. +61 (0)2-9938-6611

BRAZIL

Dropsa
 t. +55 (0)11-563-10007
 f. +55 (0)11-563-19408

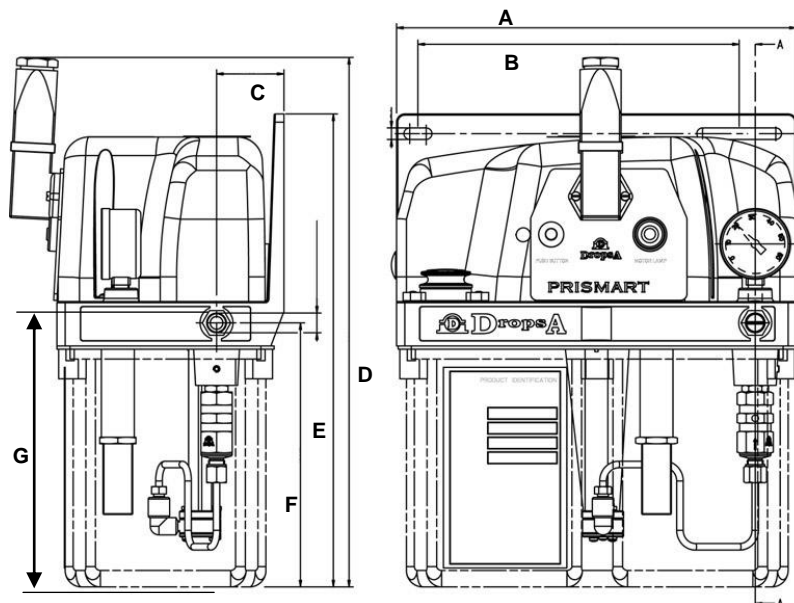
Technical Information

TECHNICAL CHARACTERISTICS				
Voltage	110V/50Hz	110V/60Hz	230V/50Hz	230V/60Hz
Power absorption	162W	155 W	150W	148W
Nominal current	1,48A		0,69A	0,70A
Pump flowrate	180 cm ³ /min (10,98 cu.in.)/min	220 cm ³ /min (13,45 cu.in.)/min	180 cm ³ /min (10,98 cu.in.)/min	220 cm ³ /min (13,45cu.in.)/min
Oil Viscosity	68 ÷ 320 cSt (320 ÷ 1480 SUS)			
Grease Viscosity	NLGI 00			
Working Temperature	+ 5 °C ÷ + 60 °C (+41 °F ÷ +140 °F)			
Maximum Pressure	30 bar (411 psi)			
Reservoir Capacity	3 litres (0,66 gallos)			
By-pass Calibration	25 bar (367,5 psi)			
Pressure-Switch calibration	18 bar (264,6 psi)			
Insulation Class	B			
Rotation direction	Clockwise			
Revolutions/min	2900	3500	2900	3500
Max working time in continuous	2 minutes			
MIN STANDBY time	5 x cycle time			

DIMENSIONS

Pos.	mm (in.)
A	243 (9.5)
B	195 (7.6)
C	41 (1.6)
D	207,5 (8.1)* 320 (12.5)**
E	287, 5 (11.3)
F	160,5 (6.3)
G ***	163 (6.4)

* For Prismart O
 ** For Prismart FG
 *** Samba Level length, only for Prismart O



Ordering Information

PRISMART O (OIL)

Part No.	Description
3600250	Electro-pump PRISMART O 110v/50 hz
3600251	Electro-pump PRISMART O 230v/50 hz
3600252	Electro-pump PRISMART O 110v/60 hz
3600253	Electro-pump PRISMART O 230v/60 hz

PRISMART FG (FLUID GREASE)

Part No.	Description
3600450	Electro-pump PRISMART FG 110v/50 hz
3600451	Electro-pump PRISMART FG 230v/50 hz
3600452	Electro-pump PRISMART FG 110v/60 hz
3600453	Electro-pump PRISMART FG 230v/60 hz

ACCESSORIES

Part No.	Description
6770033	Transparent reservoir 3 litres (0.66 gals)
3292053	Pressure gauge 60 bar (882 psi) 1/8" cone
6770070	Refilling Cap (for oil)
3130101	Refilling filter
3291048	Pressure-switch 18 bar (264.6 psi)
1655582	MIN level
3289170	Capacitance Sensor (for Fluid Grease)
1655583	Samba level (only for oil)
3194153	Connector
3194154	Insert for connector
3194155	Contact for connector
3194156	Panel mount base connector
3194157	Insert for panel mount
3194158	Contact for Panel mount base connector