

0. GENERAL DESCRIPTION

If you have purchased an **ARGAL** pump, follow below instructions and local/national rules for a safe use.

The personnel in charge of installation, operation and maintenance of ASTRA evo pumps must be qualified to carry out the operations described in this manual.

ARGAL shall not be held responsible for the training level of personnel and for the fact that they are not fully aware of the contents of this manual.

0.1 PUMP IDENTIFICATION

RANGE	MODEL	MATERIALS						CONNECTIONS CONFIGURATION												
		CHAMBERS		VERSION		DIAPHRAGM		BALLS		SEATS		O-RING		TYPE		SUCTION		DISCHARGE		
DDE	160	WR		N		Y		T		P		V		G		L		L		
	030	G 1/2"	WR	PP+GFR	N	STD	M	TPV (**)	T	PTFE	P	PP	D	EPDM	G	BSP THREADS	L	SX	L	SX
	060	G 1/2"	FC	PVDF+CF	X	ATEX			S	AISI 316L	K	PVDF	V	FKM	N	NPT THREADS	R	DX	R	DX
	100	G 1"	AL	AL			H	TPE (***)	D	EPDM	S	AISI 316L	T	PTFE	I	ISO FLANGE	F	FRONT CENTER (*1)	F	FRONT CENTER
	160	G 1"	SS	AISI 316L					N	NBR	A	AL	N	NBR	A	ANSI FLANGE	B	BACK CENTER	B	BACK CENTER
	400	G 1 1/2"	SP	AISI 316L ELECTROPOISHED			L	TPV+PTFE			Z	PE UHMW			C	CLAMP (*)	V	TOP CENTER	V	TOP CENTER
	650	G 2"					Y	TPE+PTFE									X	SPLITTED	X	SPLITTED

(*) only configuration SPN/SPX

(**) commercial designation: Santoprene® (ExxonMobil), Geolast® (ExxonMobil)

(*1) not recommended

(***) commercial designation: Keyflex® (LG Chem Ltd.), Hytrel® (LG Chem Ltd.)

0.2 CONNECTIONS CONFIGURATION

You can get different options for **ASTRA evo** pump connections. The standard configuration of the **ASTRA evo** series is with the suction placed to the left of the air connection, while the discharge is positioned in the upper part of the pump, on the left side of the air connection.

Standard configurations:

030÷650 WR_/FC_ : G LL

030÷650 AL_ : G LL

030÷160 SS_/SP_ : G LL / C LL

400÷650 SS_/SP_ : G FB / C FB

