



INSTRUCTIONS FOR COMMISSIONING PUMPS

FT n° 20

- 1° Check that the inlet pipework is clean and free from swarf.
Look at the position of the orifices on the pump dimension sheets.
- 2° Check that the pump shaft and motor shaft are perfectly aligned.
Maximum error : 0.1 mm.
- 3° Check the clearance of the flexible ring in the coupling.
Recommended clearance : 0.5 to 1.0 mm.
- 4° Before starting up make sure that the pump turns freely by hand.
Place some lubricating oil or fluid to be pumped in the inlet orifice.
- 5° Check the direction of rotation marked on the top of the pump.
- 6° Check the sealing of all pipework and of the foot valve.
- 7° Before starting up bleed the pump at the delivery orifice.
This bleeding of air is done by :
 - a- undoing a coupling on pumps without accessories :
SN 06 - SN 14 - SN 20 - SN 25 - SN 30
 - b- undoing a coupling or unscrewing the pressure
gauge plug on pumps having a built-in regulator :
SN 07 - SN 08 - SN 09 - SN 15 - SN 16 - SN 17
SN 21 - SN 22 - SN 26 - SN 27 - SN 31 - SN 32
- 8° Close the air bleed as soon as the liquid flows out without any bubbles.
- 9° Adjust the pressure on pumps having a built-in regulator by operating Screw item 24 :
 - a- Screw in to increase pressure
 - b- Unscrew in order to reduce pressure

VERIFICATION

Operation must be silent.
If it is not, check the following possible causes :

- a- There is still air in the inlet pipework : it must be bled (6)
- b- Air is entering the inlet side : check the couplings and sealing points.
- c- The depression on the inlet side is too high : in no circumstances must this exceed a value of 350 to 400 mm Hg in normal use.

NOTA

All of the pumps can be mounted in any position provided the shaft is not pointing upwards.

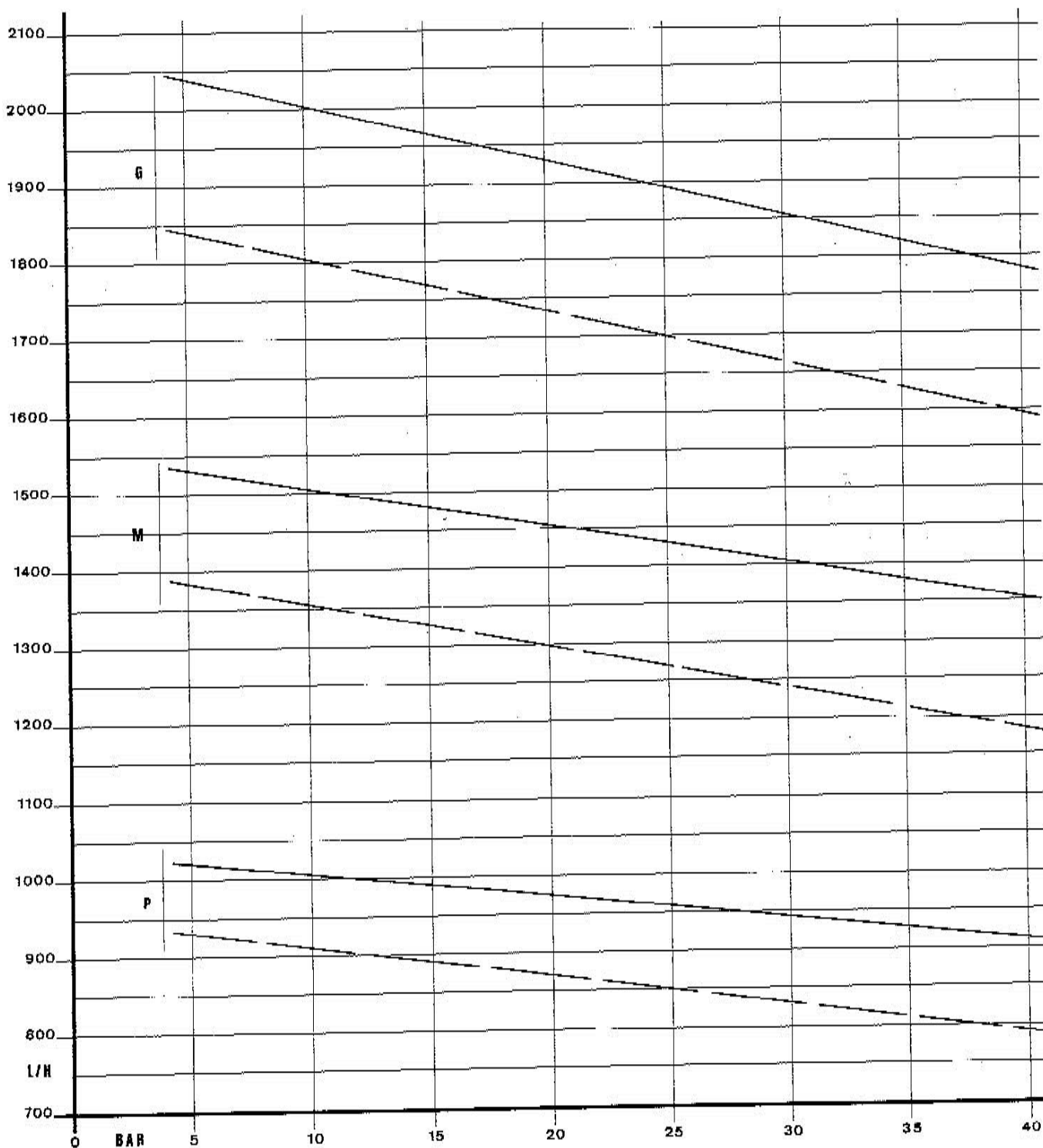
COURBE DE DEBIT THEORIQUE A 1450 tr/mn

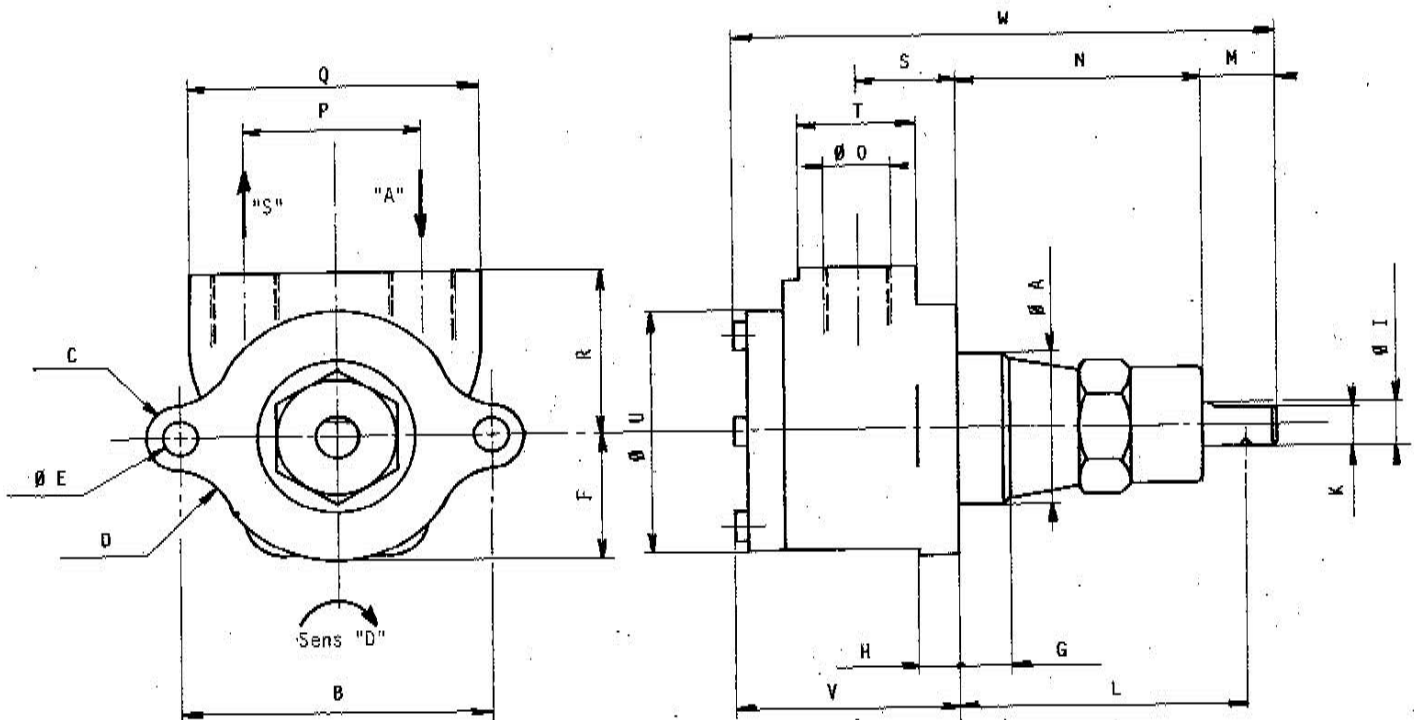
Pompe SN20 - SN21 - SN22
BH - VBH - VBHR

27

3.92

— FUEL LOURD n° 2 à température mini 60°
maxi 130°
— FUEL OIL DOMESTIQUE à température 20°





* A : Aspiration

* S : Sortie ou refoulement.

* L'utilisation des orifices est donnée pour le sens de rotation "D".
Pour le sens "I" prendre disposition symétrique.

MONTAGE STANDARD

POMPE Modèle	BRIDE								ARBRE					CARTER									
	A	B	C	D	E	F	G	H	I	K	L	M	N	O"	P	Q	R	S	T	U	V	W	
B - SN06	54	92	13	13	11	40	16	14	12	11	67	26	50	3/8	38	71	43	20	33	51	54	130	
BG - SN14	54	92	13	13	11	40	16	14	12	11	67	26	50	1/2	44	82	43	27	38	70	68	144	
BH - SN20	60	120	13	25	13	50	18	15	18	16	112	29	95	3/4	67	112	65	38	35	95	86	210	
BHG - SN25	80	150	15	-	15	60	25	18	22	19	107	36	90	1	100	170	90	83	70	115	147	273	

MONTAGE OPTION "C"

POMPE Modèle	BRIDE								ARBRE					CARTER									
	A	B	C	D	E	F	G	H	I	K	L	M	N	O"	P	Q	R	S	T	U	V	W	
B - SN06	54	92	13	13	11	40	16	14	12	11	67	21	55	3/8	38	71	43	20	33	51	54	130	
BG - SN14	54	92	13	13	11	40	16	14	12	11	67	21	55	1/2	44	82	43	27	38	70	68	144	
BH - SN20	60	120	13	25	13	50	18	15	18	16	112	27	97	3/4	67	112	65	38	45	95	86	210	
BHG - SN25	80	150	15	-	15	60	25	18	22	19	107	36	90	1	100	170	90	83	70	115	147	273	