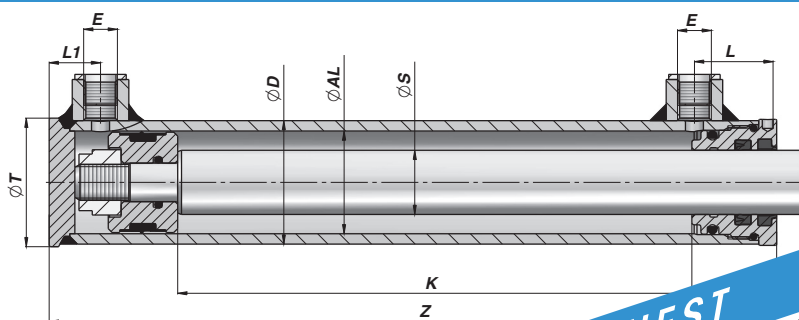
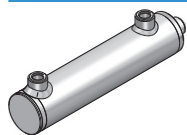


HMOLM**VERIN DOUBLE EFFET STANDARD
STANDARD DOUBLE ACTING CYLINDER****Series C200**

Code Code	K	Z	kg	E BSP	L	L1	L2	Code Code	K	Z	kg	
ØD 48 ØAL 40 ØS 20								ØD 48 ØAL 40 ØS 25				
HMOLM0400200100	100	195	1,75					HMOLM0400250100	100	195	1,90	
HMOLM0400200150	150	245	2,31					HMOLM0400250150	150	245	2,31	
HMOLM0400200200	200	295	2,72					HMOLM0400250200	200	295	2,72	
HMOLM0400200250	250	345	3,09	1/4"	32	20	12	50	HMOLM0400250250	250	345	3,09
HMOLM0400200300	300	395	3,78						HMOLM0400250300	300	395	3,78
HMOLM0400200400	400	495	4,46						HMOLM0400250400	400	495	4,46
HMOLM0400200500	500	595							HMOLM0400250500	500	595	5,17
ØD 58 ØAL 50 ØS 25								ØD 58 ØAL 50 ØS 30				
HMOLM0500250100	100	205	2,60					HMOLM0500300100	100	205	2,78	
HMOLM0500250150	150	255	3,06					HMOLM0500300150	150	255	3,32	
HMOLM0500250200	200	305	3,52					HMOLM0500300200	200	305	3,87	
HMOLM0500250250	250	355	3,97	3/8"	36	22	13	60	HMOLM0500300250	250	355	4,41
HMOLM0500250300	300	405	4,43						HMOLM0500300300	300	405	4,95
HMOLM0500250400	400	505	5,11						HMOLM0500300400	400	505	6,03
HMOLM0500250500	500	605	6,75						HMOLM0500300500	500	605	7,11
ØD 68 ØAL 60 ØS 30								ØD 68 ØAL 60 ØS 35				
HMOLM0600300100	100	220	3,77					HMOLM0600350100	100	220	3,99	
HMOLM0600300150	150	270	4,36					HMOLM0600350150	150	270	4,68	
HMOLM0600300200	200	320	4,95					HMOLM0600350200	200	320	5,37	
HMOLM0600300250	250	370	5,54	3/8"	39	25	13	70	HMOLM0600350250	250	370	6,06
HMOLM0600300300	300	420	6,13						HMOLM0600350300	300	420	6,75
HMOLM0600300400	400	520	7,32						HMOLM0600350400	400	520	8,14
HMOLM0600300500	500	620	8,50						HMOLM0600350500	500	620	9,52
ØD 78 ØAL 70 ØS 35								ØD 78 ØAL 70 ØS 40				
HMOLM0700350100	100	220						HMOLM0700400200	200	320	6,79	
HMOLM0700350150	150	270						HMOLM0700400250	250	370	7,64	
HMOLM0700350200	200	320	6,30					HMOLM0700400300	300	420	8,50	
HMOLM0700350250	250	370	7,04	3/8"	39	25	13	80	HMOLM0700400400	400	520	10,21
HMOLM0700350300	300	420	7,80						HMOLM0700400500	500	620	11,94
HMOLM0700350400	400	520	9,27									
HMOLM0700350500	500	620	10,76									

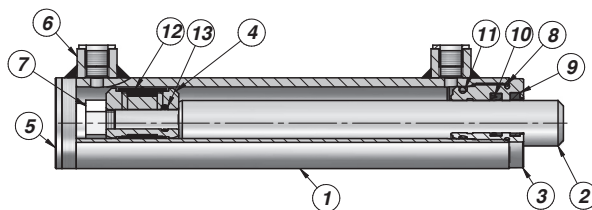
MATERIEL TUBE : ACIER S1 52.3 DIN 2393 ISO H9
TUBE MATERIAL : STEEL S1 52.3 DIN 2393 ISO H9

MATERIEL TIGE : ACIER UNI C45 SAE 1045 CHROME 25 µm ±5 Rating 9 / 200h (ø16 120h) ISO 10289 – 1999/ISO 9227-NSS
ROD MATERIAL : STEEL UNI C45 SAE 1045 CHROME 25 µm ±5 Rating 9 / 200h (ø16 120h) ISO 10289 – 1999/ISO 9227-NSS

CARACTERISTIQUES TECHNIQUES : VOIR PAGE 28 - TECHNICAL SPECIFICATIONS : SEE PAGE 28

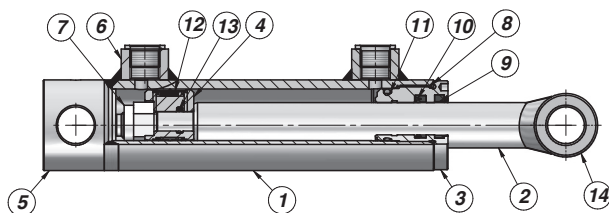
CARACTERISTIQUES TECHNIQUES TECHNICAL SPECIFICATIONS

TYPE "HMO" - "HMOLM"



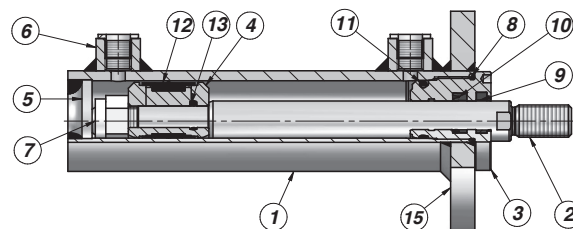
"HMO" Pression Maxi - Max. Pressure: 250 Bar (**)
"HMOLM" Pression Maxi - Max. Pressure: 180 Bar

TYPE "HFR2S"



"HFR2S" Pression Maxi - Max. Pressure: 250 Bar (**)

TYPE "HMF"



"HMF" Pression Maxi - Max. Pressure: 250 Bar (**)

PRODUIT - PRODUCT		MATERIEL - MATERIAL	
1	TUBE GLACE POLISHED TUBE	ACIER: S1 52.3 DIN 2393 ISO H9 STEEL: S1 52.3 DIN 2393 ISO H9	
2	TIGE CHROME CHROMED ROD	ACIER: UNI C45 - SAE 1045 - CHROME 25 µm ±5 Rating 9 / 200h (<ø20 120h) ISO 10289 - 1999/ISO 9227-NSS STEEL: UNI C45 - SAE 1045 - CHROME 25 µm ±5 Rating 9 / 200h (<ø20 120h) ISO 10289 - 1999/ISO 9227-NSS	
3	TETE DE GUIDAGE HEAD BUSH	FONTE: EN-GJL 250 (G25-UNI 5007 / EN 1561) HYDRAULIC CAST IRON: EN-GJL 250 (G25-UNI 5007 / EN 1561)	
4	PISTON PISTON	ACIER: 9SMn28 STEEL: 9SMn28	
5	FOND END PLUG	ACIER: S355J0 (Fe510C) - S355JR (A105) STEEL: S355J0 (Fe510C) - S355JR (A105)	
6	BOSSAGE TARAUDE THREADED PORT	ACIER STEEL	
7	ECROU DE BLOCAGE PISTON LOCKNUT	ACIER: UNI 7473 - 7474 STEEL: UNI 7473 - 7474	
8	JOINT: O-RING SEAL: O-RING	NBR 70 SHORE NBR 70 SHORE	
9	JOINT: GHK SEAL: GHK	POLYURETHANE POLYURETHANE	
10	JOINT: TSE-TTS-TT/L SEAL: TSE-TTS-TT/L	TSE: NBR+TISSU TSE: NBR+FABRIC	TTS-TT/L: POLYURETHANE TTS-TT/L: POLYURETHANE
11	JOINT: O-RING SEAL: O-RING	NBR 70 SHORE NBR 70 SHORE	
12	JOINT: TPM SEAL: TPM	NBR+POM+TPE NBR+POM+TPE	
13	JOINT: O-RING SEAL: O-RING	NBR 70 SHORE NBR 70 SHORE	
14	DOUILLE BUSH	ACIER: S355J0 (Fe510C) STEEL: S355J0 (Fe510C)	
15	BRIDE FLANGE	ACIER: S355J0 (Fe510C) STEEL: S355J0 (Fe510C)	

Vitesse Maxi - Top Speed: max 0,5 m/s

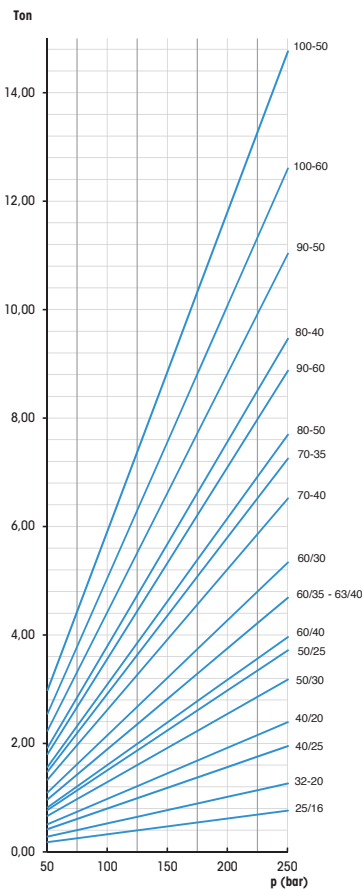
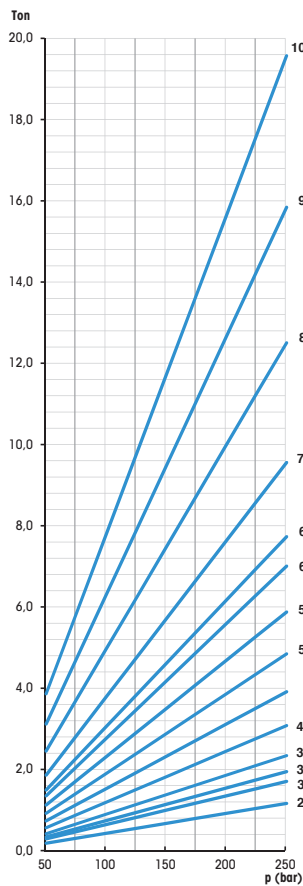
Température C° - Temperature C°: -25°C - +80°C

(**) La valeur de pression est toujours à vérifier selon l'application du vérin.

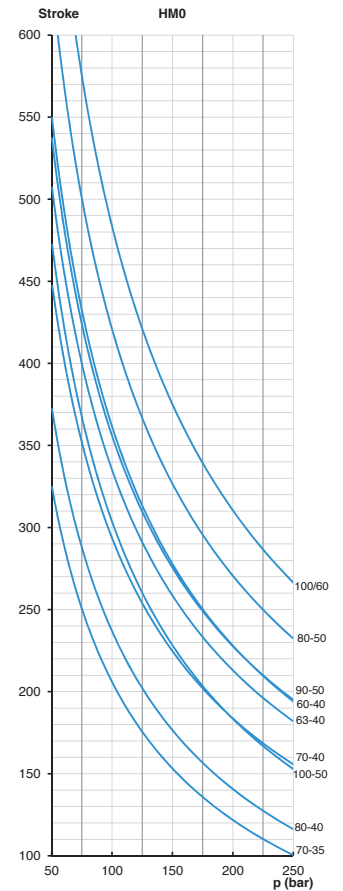
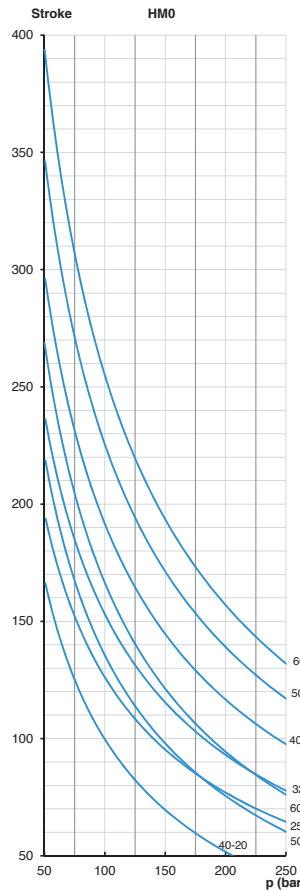
(**) The pressure value is always to be checked depending on the application of the cylinders.

CARACTERISTIQUES TECHNIQUES
TECHNICAL SPECIFICATIONS

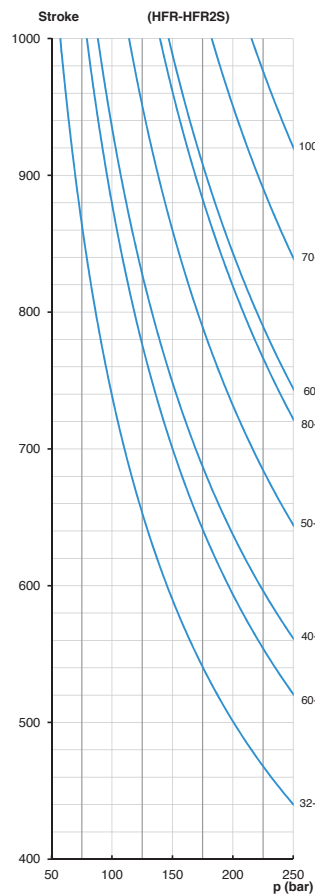
FORCE DE POUSSEE - *OUTPUT FORCE* FORCE DE TRACTION - *INPUT FORCE*



FLAMBAGE - *BUCKLING (HMO)*



FLAMBAGE - *BUCKLING (HFR-HFR2S)*



FLAMBAGE - *BUCKLING (HMF)*

