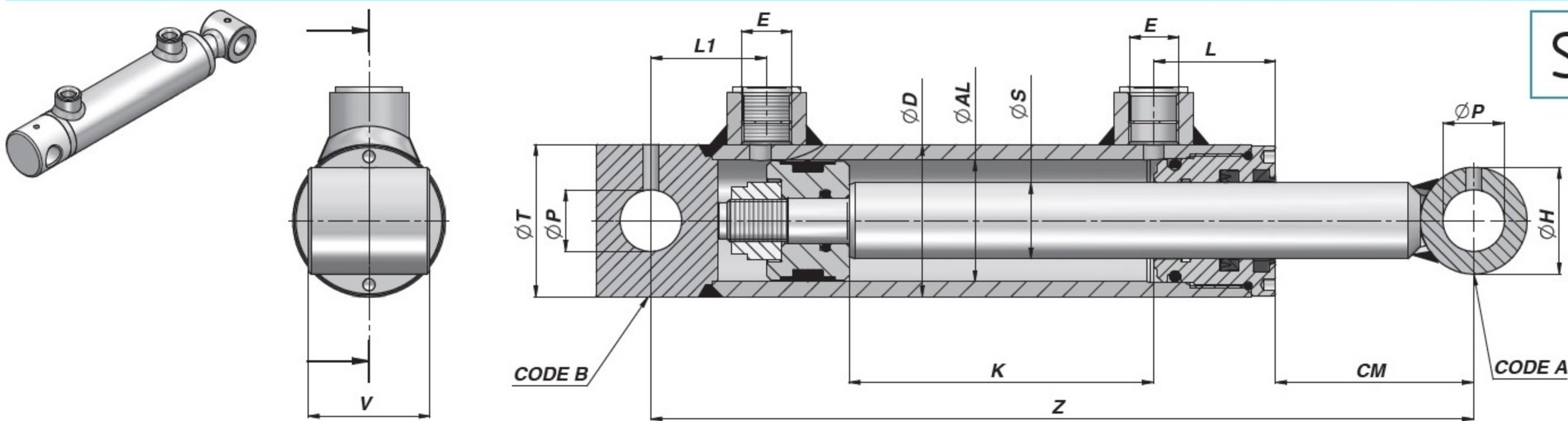


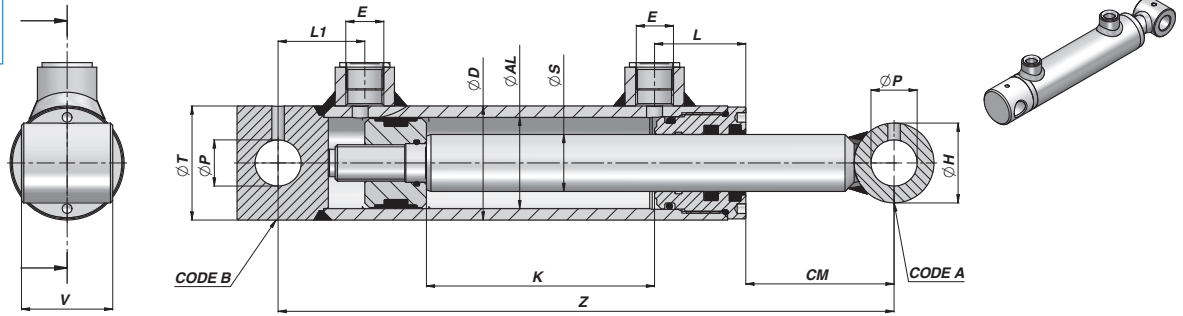
HFR2S

VERIN DOUBLE EFFET TYPE "HFR2S"
DOUBLE ACTING CYLINDER "HFR2S" TYPE

Series M250



Code Code		K	Z	kg	E BSP	L	L1	CM	ØP	ØH	V	ØT	Code A	Code B	Code Code	K	Z	kg
KIT JOINTS / SEAL KITS GKGF025016	ØD 35 ØAL 25 ØS 16																	
	HFR0160050	50	160	0,92	1/4"	33	22	31	12,10	25	25	35	CBF0012025025	CFHR035025				
	HFR0160100	100	210	1,18														
	HFR0160150	150	260	1,45														
	HFR0160200	200	310	1,71														
KIT JOINTS / SEAL KITS GKG0032020	ØD 42 ØAL 32 ØS 20																	
	HFR0200050	50	205	1,71	1/4"	33	35	51	16,20	30	35	40	CBF0016030035	CFHR040032				
	HFR0200100	100	255	2,06														
	HFR0200150	150	305	2,41														
	HFR0200200	200	355	2,76														
	HFR0200250	250	405	3,11														
	HFR0200300	300	455	3,46														
	HFR0200400	400	555	4,16														
	HFR0200500	500	655	4,86														
	HFR0200600	600	755	5,56														
	HFR0200700	700	855	6,26														
KIT JOINTS / SEAL KITS GKGCTLM040015 + GKCG040025	ØD 50 ØAL 40 ØS 25																	
	HFR2S0400250100	100	270	2,94	3/8"	40	38	65	20,25	35	40	50	CBF1020035040	CFHR040020040				
	HFR2S0400250150	150	320	3,41														
	HFR2S0400250200	200	370	3,88														
	HFR2S0400250250	250	420	4,35														
	HFR2S0400250300	300	470	4,81														
	HFR2S0400250400	400	570	5,75														
	HFR2S0400250500	500	670	6,69														
	HFR2S0400250600	600	770	7,62														
	HFR2S0400250700	700	870	8,56														
	HFR2S0400250750	750	920	9,05														
	HFR2S0400250800	800	970	9,50														
	HFR2S0400250900	900	1070	10,44														
	HFR2S0400251000	1000	1170	11,37														
KIT JOINTS / SEAL KITS GKGCTLM050021 + GKCG050030	ØD 60 ØAL 50 ØS 30																	
	HFR2S0500300100	100	300	4,41	3/8"	43	42	85	25,25	40	45	60	CBF1025040045	CFHR050025049				
	HFR2S0500300150	150	350	5,02														
	HFR2S0500300200	200	400	5,64														
	HFR2S0500300250	250	450	6,25														
	HFR2S0500300300	300	500	6,86														
	HFR2S0500300400	400	600	8,09														
	HFR2S0500300500	500	700	9,32														
	HFR2S0500300600	600	800	10,55														
	HFR2S0500300700	700	900	11,78														
	HFR2S0500300800	800	1000	13,00														
	HFR2S0500300900	900	1100	14,24														
	HFR2S0500301000	1000	1200	15,46														

VERIN DOUBLE EFFET TYPE "HFR2S"
DOUBLE ACTING CYLINDER "HFR2S" TYPE
HFR2S**Series M250**

Code Code		K	Z	kg	E BSP	L	L1	CM	ØP	ØH	V	ØT	Code A	Code B	Code Code	K	Z	kg
ØD 70 ØAL 60 ØS 30															ØD 70 ØAL 60 ØS 35			
KIT JOINTS / SEAL KITS GKGB060024 + GKCG060030	HFR2S0600300100	100	300	5,53	3/8"	50	36	83	25,25	40	45	70	CBF1025040045	CFHR060025047	HFR2S0600350100	100	300	5,85
	HFR2S0600300150	150	350	6,21											HFR2S0600350150	150	350	6,62
	HFR2S0600300200	200	400	6,89											HFR2S0600350200	200	400	7,40
	HFR2S0600300250	250	450	7,56											HFR2S0600350250	250	450	8,18
	HFR2S0600300300	300	500	8,23											HFR2S0600350300	300	500	8,96
	HFR2S0600300350	350	550	8,91											HFR2S0600350350	350	550	9,73
	HFR2S0600300400	400	600	9,58											HFR2S0600350400	400	600	10,51
	HFR2S0600300450	450	650	10,26											HFR2S0600350450	450	650	11,28
	HFR2S0600300500	500	700	10,94											HFR2S0600350500	500	700	12,06
	HFR2S0600300600	600	800	12,29											HFR2S0600350600	600	800	13,61
KIT JOINTS / SEAL KITS GKGB070024 + GKCG070040	HFR2S0600300700	700	900	13,64											HFR2S0600350700	700	900	15,16
															HFR2S0600350800	800	1000	16,71
															HFR2S0600350900	900	1100	18,27
															HFR2S0600351000	1000	1200	19,82
KIT JOINTS / SEAL KITS GKGB080070 + GKCG080040																		
KIT JOINTS / SEAL KITS GKGB100033 + GKCG100050																		
KIT JOINTS / SEAL KITS GKGB100033 + GKCG100050																		
KIT JOINTS / SEAL KITS GKGB100033 + GKCG100050																		

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

SUR DEMANDE - ON REQUEST:

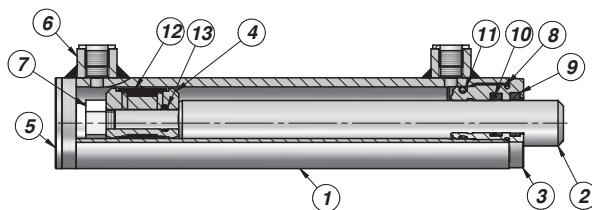
VERINS AVEC GRAISSEURS ANGL000550 (VOIR PAGE 89)

CYLINDERS WITH GREASE NIPPLES CODE ANGL000550 (SEE PAGE 89)

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

CARACTERISTIQUES TECHNIQUES TECHNICAL SPECIFICATIONS

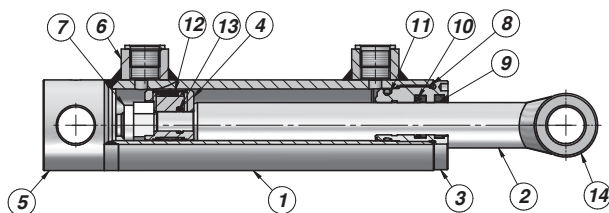
TYPE "HMO" - "HMOLM"



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

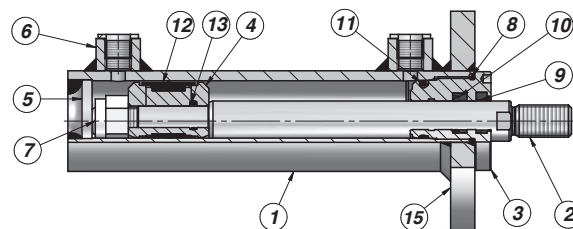
"HMOLM" Pression Maxi - Max. Pressure: 180 Bar

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

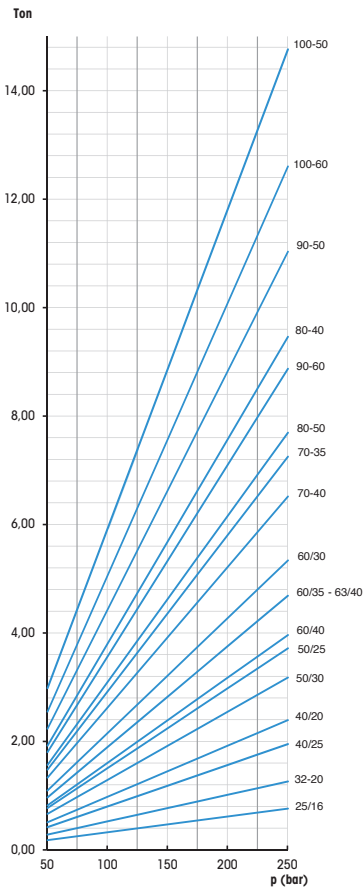
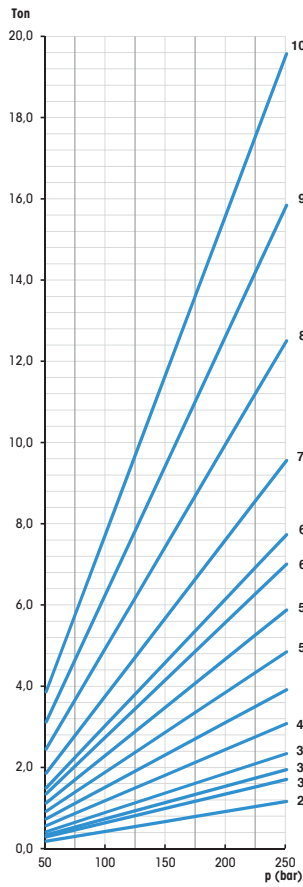
Température C° - Temperature C°: -25°C - +80°C

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

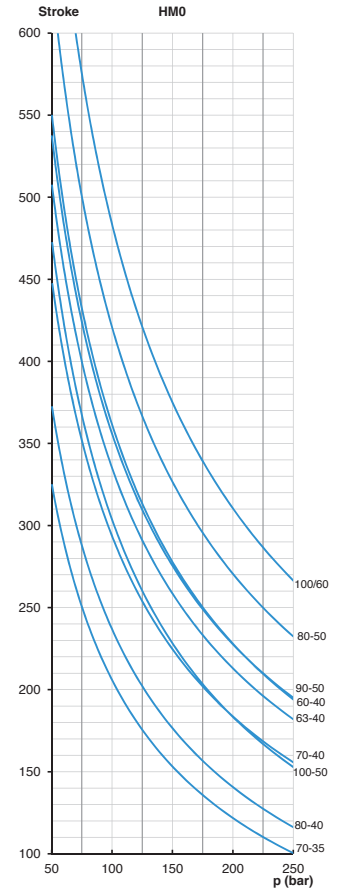
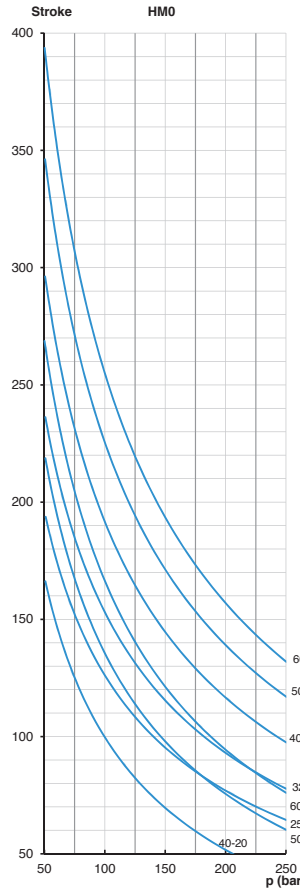
(**) The pressure value is always to be checked depending on the application of the cylinders.

CARACTERISTIQUES TECHNIQUES
TECHNICAL SPECIFICATIONS

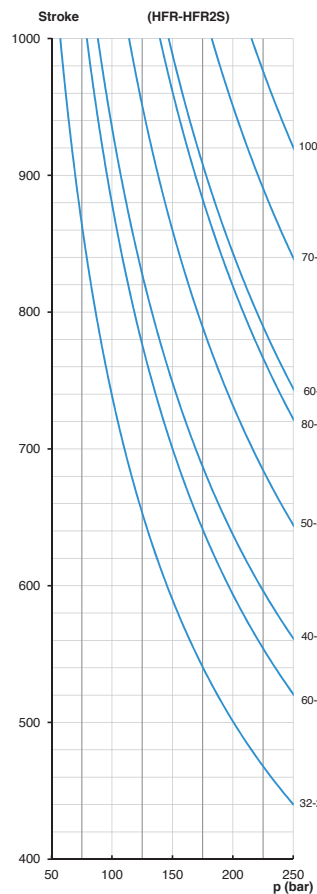
FORCE DE POUSSEE - *OUTPUT FORCE* FORCE DE TRACTION - *INPUT FORCE*



FLAMBAGE - *BUCKLING* (HMO)



FLAMBAGE - *BUCKLING* (HFR-HFR2S)



FLAMBAGE - *BUCKLING* (HMF)

