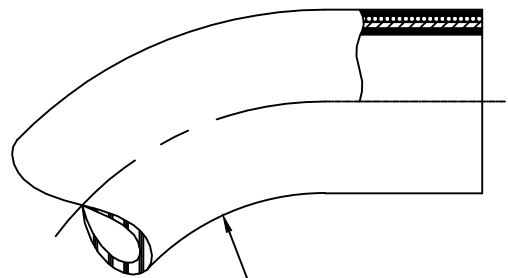


PART NUMBER	DN	I.D. (REF) mm [in]	O.D. (REF) mm [in]	OPERATING PRESSURE bar [psi]		PROOF PRESSURE bar [psi]	BURST PRESSURE bar [psi]		MIN. BEND RADIUS mm [in]		WEIGHT kg/m [lbs/ft]
				CRIMP FITTINGS	REUSABLE FITTINGS		CRIMP FITTINGS	REUSABLE FITTINGS	CRIMP FITTINGS	REUSABLE FITTINGS	
GH681-3	5	4.8 [.19]	10.9 [.43]	250 [3650]	-	500 [7250]	1000 [14500]	-	45 [1.77]	-	0.16 [.11]
GH681-4	6	6.4 [.25]	12.9 [.51]	255 [3700]	225 [3250]	510 [7395]	1020 [14800]	900 [13000]	50 [1.97]	75 [2.95]	0.21 [.14]
GH681-5	8	7.9 [.31]	14.1 [.55]	225 [3250]	-	450 [6500]	900 [13000]	-	55 [2.17]	-	0.22 [.15]
GH681-6	10	9.5 [.38]	16.3 [.64]	235 [3400]	180 [2600]	470 [6800]	940 [13600]	720 [10400]	63 [2.48]	90 [3.54]	0.31 [.21]
GH681-8	12	12.7 [.50]	19.9 [.78]	221 [3200]	160 [2325]	442 [6400]	883 [12800]	640 [9300]	90 [3.54]	130 [5.12]	0.43 [.29]
GH681-10	16	15.9 [.62]	22.3 [.88]	140 [2025]	130 [1900]	280 [4050]	559 [8100]	520 [7540]	100 [3.94]	150 [5.91]	0.44 [.29]
GH681-12	19	19.0 [.75]	26.0 [1.02]	138 [2000]	105 [1525]	276 [4025]	552 [8000]	420 [6100]	120 [4.72]	180 [7.09]	0.56 [.37]
GH681-16	25	25.4 [1.00]	34.0 [1.34]	103 [1500]	88 [1275]	207 [3000]	414 [6000]	352 [5100]	150 [5.91]	230 [9.06]	0.84 [.56]
GH681-20	31	31.8 [1.25]	41.5 [1.63]	69 [1000]	-	138 [2000]	276 [4000]	-	210 [8.27]	-	1.01 [.68]
GH681-24	38	38.1 [1.50]	47.9 [1.89]	52 [750]	-	104 [1500]	207 [3000]	-	250 [9.84]	-	1.23 [.83]
GH681-32	51	50.8 [2.00]	64.0 [2.52]	41 [600]	-	82 [1200]	166 [2400]	-	315 [12.40]	-	2.01 [1.32]

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
S	REDRAWN. UPDATED TO DANFOSS FORMAT. 1) UPDATED NOTE #4 FOR LAYLINE IDENTIFICATION. 2) UPDATED I.D. & O.D. TITLE 3) ADDED TEMP. CONVERSION. 4) ADDED NOTE #6. 5) UPDATED TITLE AND SUBTITLES. 6) UPDATED WEIGHT FOR -10, -12, -16, -24 & -32 SIZES.	2022-09-26 RZH	CO-0225872
T	1) OPERATING PRESSURE FOR -3 WAS 250 [3625].	2023-01-09 RZH	CO-0226926
U	1) UPDATED NOTE #4 FOR LAYLINE IDENTIFICATION.	2023-12-20 ISD/ARK	CO-0231630



MIN. BEND RADIUS

METRIC

6. MSHA CODE IS PLANT SPECIFIC: S4
 USE MSHA IC-84/56 FOR ÇERKEZKÖY
 USE MSHA IC-84/19 FOR ALL OTHER PLANTS.

5. TEMPERATURE RANGE: -46°C TO +126°C [-50°F TO +260°F]. S3

4. EXAMPLE OF LAYLINE IDENTIFICATION FOR -4 SIZE: 6 S1 U1

INK TRANSFER : "Aeroquip by Danfoss GH681-4 6.4 MM (0.25 IN) DN6 Dura-Tuff Exceeds SAE 100R17 / EN 857 1SC Performance ISO 1436 1SN , MSHA IC-84/19 , ABS , DNV , USCG + (PRESSURE GAGE) 255 BAR (3700 PSI) (TEMP GAGE) -46°C to +126°C (-50°F to +260°F) (BEND LOGO) Half Bend FITTING SERIES (FITTING LOGO) 1 MATCHMATE RING".

INK-JET : "YYY-MM-DD Made in USA /-/- LOT CODE".

3. APPLICATION: HYDRAULIC SYSTEMS WITH PETROLEUM AND WATER-GLYCOL BASE FLUIDS, FOR LUBRICATING OILS AND WATER.

2. CONSTRUCTION: SYNTH.(NBR) RUBBER TUBE, 1 WIRE BRAID REINFORCEMENT, SYNTH.(NBR/PVC) RUBBER COVER.

1. ALL HOSE ATTRIBUTES ARE METRIC [INCHES].

FLUID CONVEYANCE DIVISION MAUMEE, OHIO U.S.A.		DRAWN R. HODEKAR	
		CHECKED R. HODEKAR	
		APPROVED P. DEWITT	
		RELEASE DATE 2022-09-26	
		DRAWING INTERPRETATION PER ES 10	
		DRAWING TITLE	
		AEROQUIP HOSE S5	
		1 WIRE BRAID, RUBBER COVER SAE 100R17, EN 857 1SC, ISO 1436 1SN	
CO-0225872	CAGE CODE 01276	DRAWING NUMBER	REV
THIRD ANGLE PROJECTION	DIST U	GH681	U
	SIZE A3		
	SCALE NONE		
	SHEET 1		
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