

PART NUMBER	DN SIZE	I.D. (REF) mm [in]	<sup>U</sup> <sub>1</sub> O.D. (REF) mm [in]	OPERATING PRESSURE bar [PSI]	EN/SAE OPERATING PRESSURE bar [PSI]	BURST PRESSURE bar [PSI]	MIN. BEND RADIUS mm [in]	WEIGHT kg/m [lbs/ft]
H28004	6	6.4 [.25]	13.9 [.55]	448 [6500]	400 [5800]	1792 [26000]	50 [1.96]	0.33 [.22]
H28006	10	9.5 [.38]	17.4 [.69]	400 [5800]	330 [4800]	1600 [23200]	65 [2.55]	0.43 [.29]
H28008	12	12.7 [.50]	20.9 [.82]	350 [5100]	275 [4000]	1400 [20400]	90 [3.54]	0.58 [.39]
H28010	16	15.9 [.62]	24.0 [.94]	280 [4050]	250 [3650]	1120 [16200]	100 [3.94]	0.65 [.44]
H28012	19	19.0 [.75]	27.9 [1.10]	240 [3500]	215 [3125]	960 [14000]	120 [4.72]	0.79 [.53]
H28016	25	25.4 [1.00]	35.9 [1.41]	210 [3050]	165 [2400]	840 [12200]	150 [5.90]	1.07 [.72]
H28020	31	31.8 [1.25]	43.4 [1.71]	172 [2500]	125 [1800]	688 [10000]	210 [8.26]	1.62 [1.09]
H28024	38	38.1 [1.50]	51.5 [2.03]	140 [2050]	125 [1800]	560 [8200]	250 [9.84]	2.08 [1.40]
H28032	51	50.8 [2.00]	63.9 [2.52]	110 [1600]	90 [1300]	440 [6400]	315 [12.40]	2.82 [1.90]

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
U	REDRAWN AND REDESIGNED. UPDATED TO DANFOSS FORMAT. 1) O.D. WAS "NOMINAL". 2) UPDATED NOTE #4 FOR LAYLINE IDENTIFICATION. 3) UPDATED "TITLE" AND "SUBTITLES".	2022-06-14 TMH	CO-0224277
V	1) UPDATED OPERATING PRESSURE FOR 08, 10, 12, 16 AND 24 SIZES. 2) UPDATED BURST PRESSURE FOR 08, 10, 12, 16 AND 24 SIZES. 3) UPDATED NOTE #4 FOR LAYLINE IDENTIFICATION. 4) ADDED DN SIZE COLUMN.	2023-12-22 PPC/TMH	CO-0230458

<sup>V</sup><sub>4</sub>

<sup>V</sup><sub>1</sub>

<sup>V</sup><sub>2</sub>

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

5. TEMPERATURE RANGE: -46°C TO +70°C [-50°F TO +158°F] FOR WATER BASED HYDRAULIC FLUIDS.  
-46°C TO +126°C [-50°F TO +260°F] FOR PETROLEUM BASED HYDRAULIC FLUIDS.  
0°C TO +70°C [+32°F TO +158°F] FOR WATER.

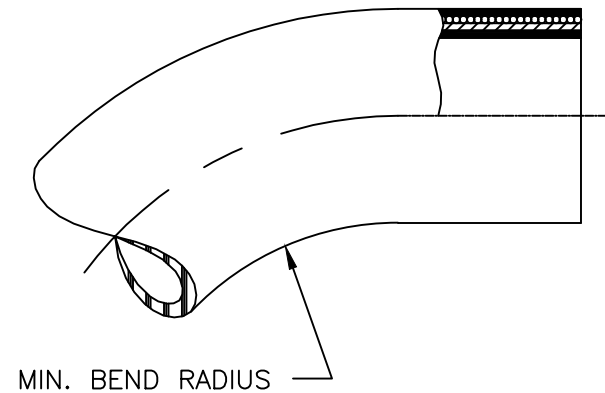
4. EXAMPLE OF LAYLINE IDENTIFICATION FOR H28004: <sup>U</sup><sub>2</sub> <sup>V</sup><sub>3</sub>

INK TRANSFER: <sup>6</sup>  
"Weatherhead by Danfoss H28004 6.4 MM (0.25 IN) DN6 Dura-Tuff Exceeds SAE 100R16/EN857 2SC, ISO 18752 MSHA IC-84/19, ABS, DNV, USCG + (PRESSURE GAGE) 448 BAR (6500 PSI) (TEMP GAGE) -46°C to +126°C (-50°F to +260°F) (BEND LOGO) Half Bend FITTING SERIES (FITTING LOGO) 2 MATCHMATE RINGS".

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

- 3. APPLICATION: HYDRAULICS, CONSTRUCTION, AGRICULTURE
- 2. CONSTRUCTION: SYNTH.(NBR) RUBBER TUBE, 2 WIRE BRAID REINFORCEMENT, SYNTH.(NBR/PVC) RUBBER COVER
- 1. ALL HOSE ATTRIBUTES ARE METRIC [ENGLISH].

METRIC



FLUID CONVEYANCE DIVISION MAUMEE, OHIO U.S.A.		DRAWN T. HIRVE
		CHECKED T. HIRVE
		APPROVED P. DEWITT
		RELEASE DATE 2022-06-14
		DRAWING INTERPRETATION PER ES 10
		DRAWING TITLE
		WEATHERHEAD HOSE <sup>U</sup> <sub>3</sub>
		2 WIRE BRAID, RUBBER COVER SAE 100R16, EN857 2SC, ISO 18752
CO-0224277	CAGE CODE 01276	DRAWING NUMBER
THIRD ANGLE PROJECTION	DIST U	REV
	SIZE A3	H280
	SCALE NONE	V
	SHEET 1	
THE REPRODUCTION, DISTRIBUTION, AND UTILIZATION OF THIS DOCUMENT AS WELL AS THE COMMUNICATION OF ITS CONTENTS TO OTHERS WITHOUT EXPLICIT AUTHORIZATION IS PROHIBITED. OFFENDERS WILL BE HELD LIABLE FOR THE PAYMENT OF DAMAGES. ALL RIGHTS RESERVED IN THE EVENT OF THE GRANT OF A PATENT, UTILITY MODEL OR DESIGN. (PER ISO 16016)		