

September 29, 2021

Attention: Peter Prange
PARKER HANNIFIN CANADA
160 CHISHOLM DRIVE
MILTON, ON L9T 3G9

The design submission, tracking number 2021-04746, originally received on September 07, 2021 was surveyed and accepted for registration as follows:

CRN : 0H12507.2 **Accepted on:** September 29, 2021
Reg Type: RENEWAL **Expiry Date:** September 29, 2031
Drawing No. : HPAHM-DWG-CRN Rev 4
Fitting type: AIR HEADER MANIFOLD
Design registered in the name of : PARKER HANNIFIN INSTRUMENTATION PRODUCTS

Description	MAWP	Design Temperature
As listed on drawing		

The registration is conditional on your compliance with the following notes:

Scope of the registration is the CRN renewal and addition of the HP model with Threaded inlet/outlet & Socket Welded inlet/outlet connections.

Removable fittings are not included in this registration and they shall be registered with separate CRNs.


As indicated on AB-41 Statutory Declaration form and submitted documentation, the code of construction is SECTION VIII, DIV. 1.

- It is our understanding that the fitting(s), included as the scope of this submission, that is(are) subject to the Safety Codes Act shall comply with the requirements of the indicated Standard or Code of Construction on the AB-41 Statutory Declaration as supported by the attached data which identifies the dimensions, materials of construction, press./temp. ratings and the basis for such ratings, and the identification marking of the fittings.*
- This registration is valid only for fittings fabricated at the location(s) covered by the QC certificate attached to the accepted AB-41 Statutory Declaration form.*
- This registration is valid only until the indicated expiry date and only if the Manufacturer maintains a valid quality management system approved by an acceptable third-party agency until that date.*
- Should the approval of the quality management system lapse before the expiry date indicated above, this registration shall become void.*

An invoice covering survey and registration fees will be forwarded from our Revenue Accounts.

If you have any question don't hesitate to contact me by phone at (780) 433-0281 ext 3310 or fax (780) 437-7787 or e-mail Onshchenko@absa.ca.

Sincerely,





the pressure equipment safety authority

9410 - 20 Ave N.W.
Edmonton, Alberta, Canada T6N 0A4
Tel: (780) 437-9100 / Fax: (780) 437-7787

September 29, 2021

UNSHCHENKO, TETIANA, P. Eng.

DOP Cert. No. D00010125

**STATUTORY DECLARATION
Registration of Fittings**
Single or Multiple Fitting Designs within one Fitting Category

I, Marcus Ashford, Engineering Manager
(name of applicant) (position title) (must be in a position of authority)
of Parker Hannifin Manufacturing Ltd-Instrumentation Products Division Europe
(name of manufacturer)
located at Riverside Road, Barnstaple, Devon, EX31 1NP United Kingdom
(plant address)



do solemnly declare that the fittings listed hereunder, which are subject to the Safety Codes Act
(select only one)

- ☐ comply with the requirements of _____ which specifies the dimensions,
(title of recognized North American Standard)
materials of construction, pressure/temperature ratings and identification marking of the fittings, or
- ☒ are not covered by the provisions of a recognized North American standard and are therefore
manufactured to comply with ASME Pressure Vessel Codes as supported by the
(title of code of construction or other applicable document)
attached data which identifies the dimensions, materials of construction, pressure/temperature ratings
and the basis for such ratings, and the identification marking of the fittings.

I further declare that the manufacture of these fittings is controlled by a quality control program which has been verified as described in the below Table as being suitable for the manufacturing of these fittings to the stated standard, regulation, code, guideline or other applicable document. The fittings covered by the declaration for which I seek registration are as provided in the Supplementary Sheet(s) attached.

Quality Program Verification and Manufacturing Sites

A copy of the Quality Certificate from each manufacturing site must be included

Item #	Product Description, Model or Series	Quality Program	Scope of Certification	Expiry Date	Verifying Organization	Location(s) Plant Name and address
1.	HPAHM* Air Distribution Manifolds	ISO 9001	Design manufacture of valves, manifolds, connectors, regulators & supporting ancillary equipment in corrosion resistant materials	06-March-2022	Bureau Veritas	Same as above
2.						

In support of this application, the following information, calculations and/or test data are attached:

Existing CRN Submissions: 0H12507.2 [ADM] & 0C9622.51 [Ball Valves]

Drawing: HPAHM-DWG-CRN-REV.3

HPAHMS1016F01MSW8F8FBVO [Flanged 150#] HPAHMS616N8N8NBVO [THD]

Calculations: HPAHM-10-CRN-CALC REV.5



(Signature of the Declarer)

03/09/2021

(Date)

DECLARED before me at _____ in the _____ of _____
(city) (province, territory, or state)

this _____ day of _____, _____
(Month) (Year)

(print) _____
(a Commissioner of Oaths or Notary Public)

(sign) _____
(a Commissioner of Oaths or Notary Public)

(expiry date (mm/dd/yy))

Commissioner of Oaths / Notary Public in and for: _____
(province, territory, or state)

For ABSA Office Use Only:

NOTES: _____

To the best of my knowledge and belief, the application meets the requirements of the Safety Codes Act and CSA Standard B51, Part 1, Clause 4.2, and is accepted for registration in Category _____.

CRN: _____

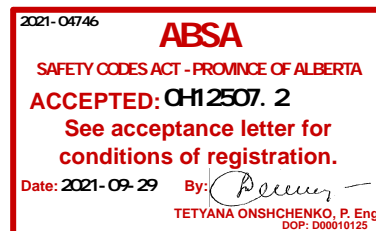
Registered Date: _____

Expiry Date: _____

Signature: _____

(Signature of the Administrator/SCO)

The information you provide is necessary only for the administration of the programs as required by the Alberta Safety Codes Act and Regulations in the Pressure Equipment Discipline



This stamp and signature have been affixed electronically to this registered design as required by Section 20(1) of the Pressure Equipment Safety Regulation, in accordance with the Electronic Transactions Act.

Table 1 Scope of Fitting Designs**

Item #	Primary Pressure Bearing / Retaining Component	Material of Construction	Port Connections and Size Range	MDMT	Rated Pressure		Pressure Class(es) / Schedule(s)	Design Code(s) of Construction	Reference Catalogue (pages) or Drawing(s)
					At Ambient Temperature	At Maximum Temperature			
Air Distribution Manifolds HPAHM	Nominal Bore Pipe Flanged Inlet	A182 F316/316L, S31254, N04400,	NPS 2 BW, MNPT, FNPT, SW, flanged	-55°C	See Dwg HPAHM-10-DWG-CRN-03 DESIGN DATA TABLE MATERIAL SPECIFIC 316 LP Class 150# @ 40°C	See Dwg HPAHM-10-DWG-CRN-03 DESIGN DATA TABLE MATERIAL SPECIFIC 316 LP Class 150# @ 200°C	Flange Class 150# 300# Schedule 80	ASME VIII Div 1.	Cat 4190-DM
	Nominal Bore Pipe Threaded Inlet	A182 F316/316L, S31254, N04400,	NPS 2 BW, MNPT, FNPT, SW,	-55°C	See Dwg HPAHM-10-DWG-CRN-03 DESIGN DATA TABLE MATERIAL SPECIFIC 316 HP @ 40°C	See Dwg HPAHM-10-DWG-CRN-03 DESIGN DATA TABLE MATERIAL SPECIFIC 316 HP @ 200°C	N/A	ASME VIII Div 1.	
	Ball Valve	A479 UNS 31600/S31603, S31254, N04400,	FNPT, MNPT Compression fittings	-54°C	6000 Psig PTFE / PEEK Seat option	PTFE Seat: 150°C 900 Psig PEEK Seat: 200°C 6000 Psig	Up to 2500#	MMS SP99 ANSI/ASME B16.34	

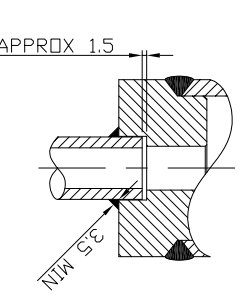
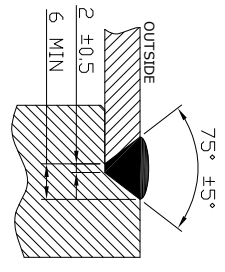
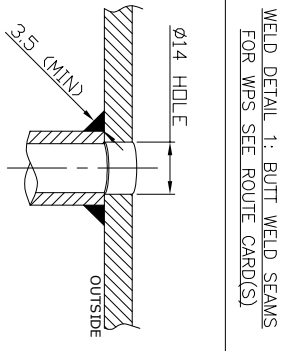
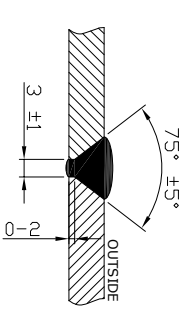
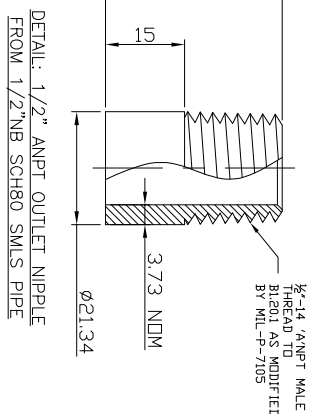
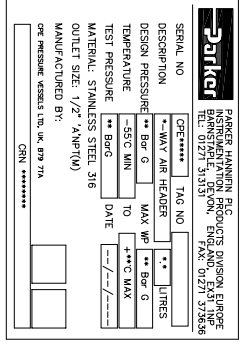
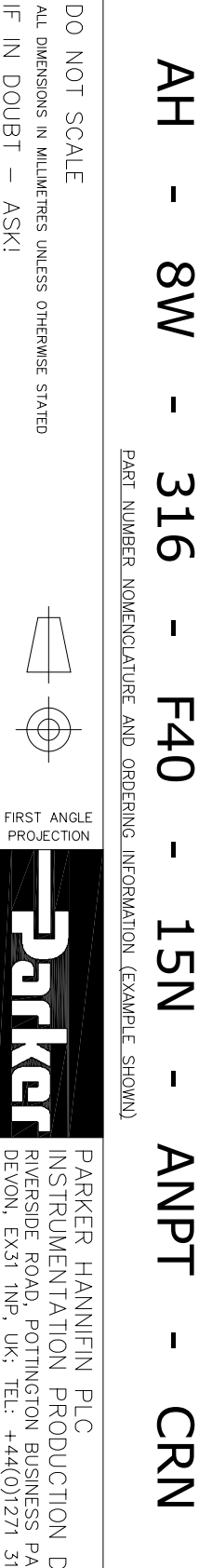
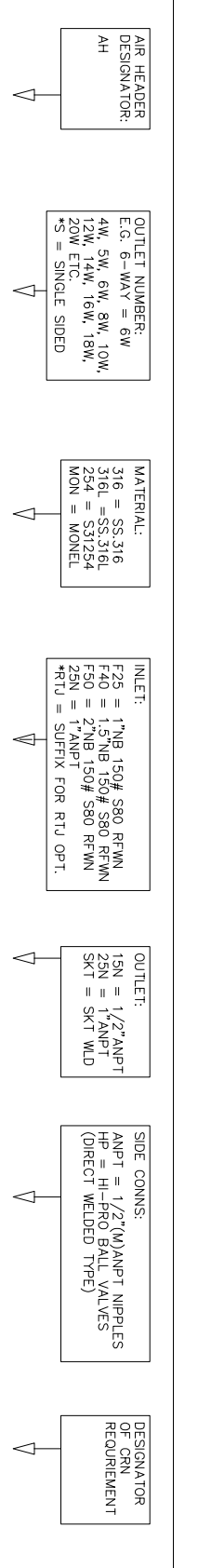
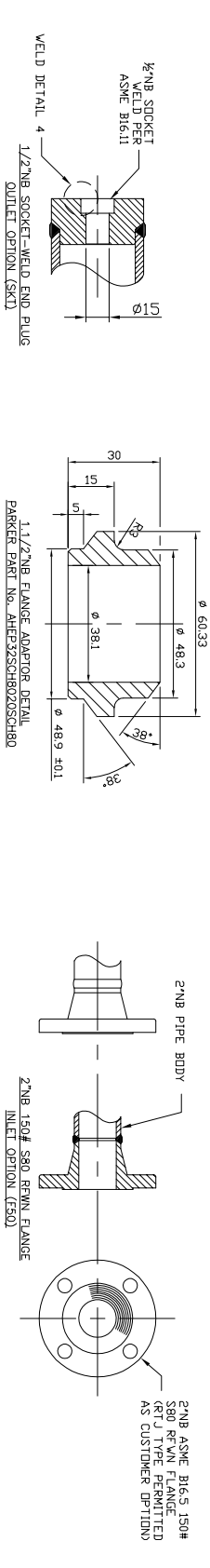
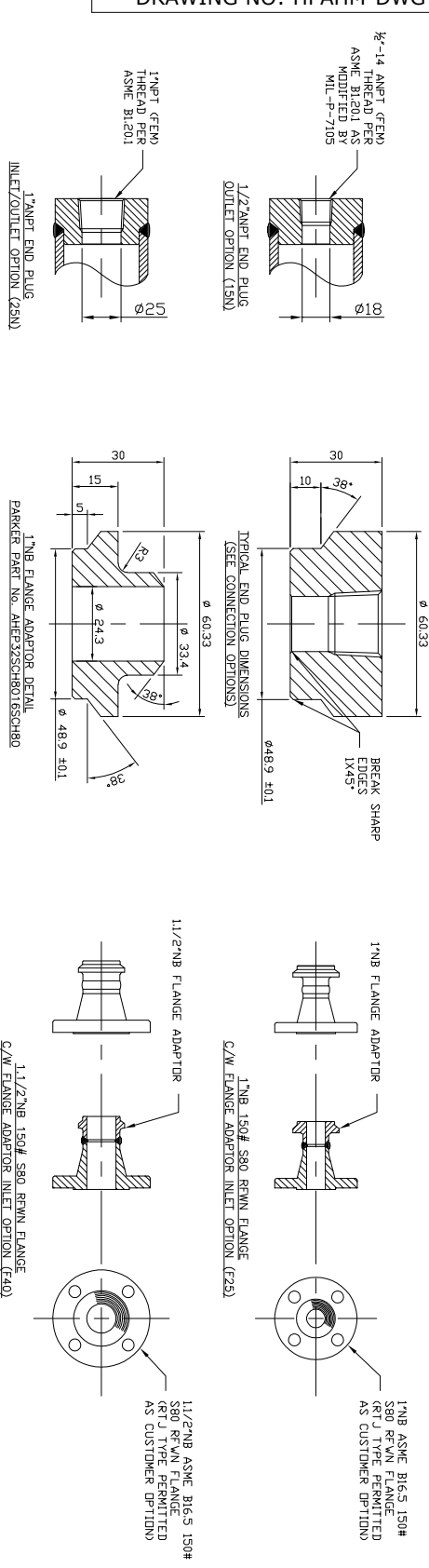
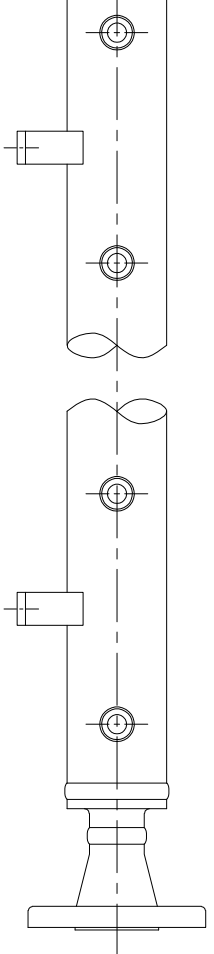
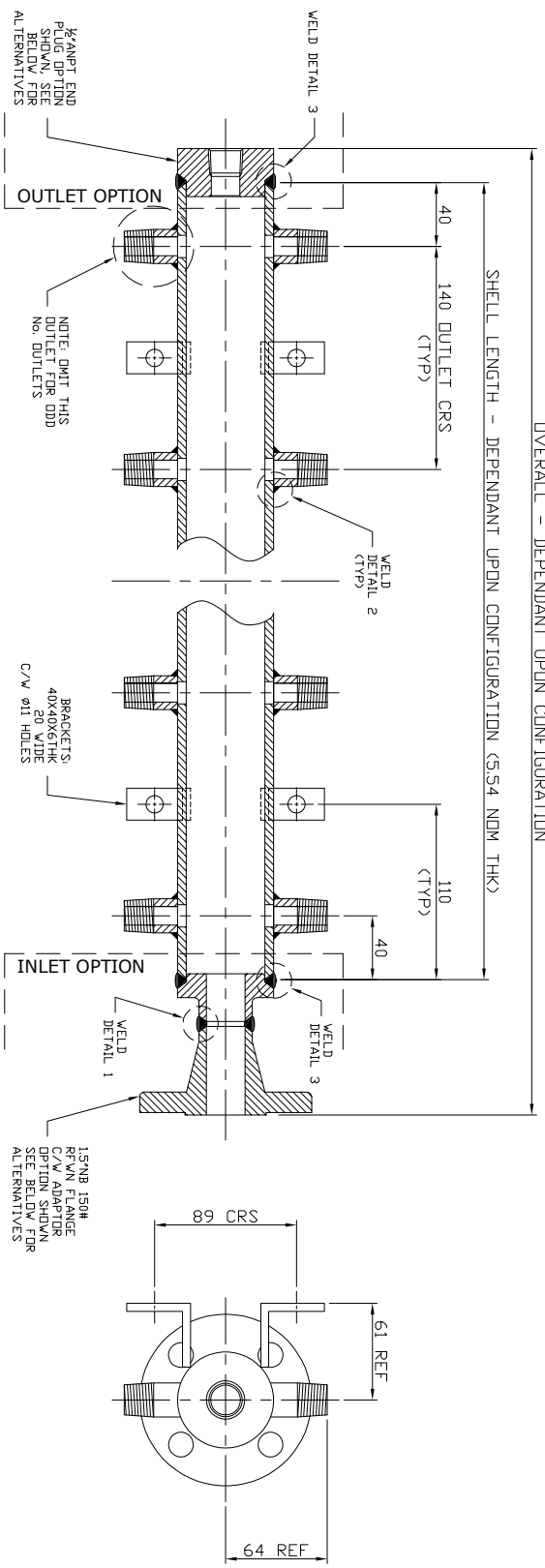
2021-04746

Table 2 Additional Scope Information

List/Attach Additional Detail and References (Product Configurations, Options, Illustrations, etc.)
Example: Series X Options
<p>Flanged Inlet Style [LP Class 150#] - See Following Drawings:</p> <p>HPAHMS1016F01MSW8F8FBVO - MSW Male Socket Weld Distribuiton Outlets</p> <p>HPAHMS616F1508N8NBVO - Thread Nipple Body connection Distribuiton Outlets</p> <p>Threaded Inlet Style - See Following Drawings:</p> <p>HPAHMS616N8N8NBVO - Threaded Nipple Body connection Distribution Outlets</p>

** For additional alternatives of Table 1, refer to Form AB-41a, Guide for Completing Form AB-41

2021-04746



DESIGN DATA – GENERAL	
DESIGN CODE	ASME VIII DIVISION 1
EDITION	2010
ADDENDA	2010a
CODE STAMP	NOT CODE STAMPED
DIRECTIVE	N/A
OTHER SPECIFICATIONS	CEN REQUIRED
PRESSURE CYCLES	NONE SPECIFIED
NOZZLE LOADINGS	NONE SPECIFIED
OTHER LOADINGS	NONE SPECIFIED
RADIOGRAPHY (CIRC SEAMS)	NONE JOINT EFF. 0.60
RADIOGRAPHY (LONG SEAMS)	NONE JOINT EFF. 0.65 (SMALL PIPE)
PT/MT (DP/MP)	5% PER BATCH (CUSTOMER REQUEST)
ULTRASONIC (UT)	NONE
OTHER NDE	100% VISUAL ONLY
INSPECTION	CPE ONLY
IMPACT TESTING	EXEMPT – SEE CALCULATIONS
TO CONTAIN	NON-HAZARDOUS GASES
INTERNAL FINISH	BEAD BLAST TO UNIFORM FINISH
INTERNAL FINISH	AS MANUFACTURED – CLEAN & DRY
MDMT	–55°C
CORROSION ALLOWANCE	0mm
PWHT	NONE

DESIGN TEMP.:	40°C	65°C	80°C	100°C	125°C	150°C	200°C	250°C	300°C	325°C	350°C
316 LP (150#)	19.0	17.8	17.0	16.2	15.5	14.8	13.7	12.1	10.2	9.3	8.4
316 HP	19.20	17.80	17.20	16.40	15.50	14.80	13.80	12.90	12.20	11.0	117.0
316i LP (150#)	15.9	14.8	14.1	13.3	12.7	12.0	11.2	10.5	10.0	9.3	8.4
316i HP	16.00	14.70	13.90	12.90	12.70	12.10	11.30	10.50	10.00	9.90	97.0
315I254 LP (150#)	20.0	19.0	18.4	17.7	16.8	15.8	13.8	12.1	10.2	9.3	8.4
315I254 HP	25.70	24.30	23.50	22.50	21.40	20.40	19.00	17.90	17.40	17.10	168.0
N04400 LP (150#)	15.9	15.0	14.4	13.8	13.4	12.9	12.5	12.1	10.2	9.3	8.4
N04400 HP	16.20	15.10	14.60	14.00	13.50	13.30	13.10	12.90	12.60	12.60	

TEST PRESSURE (BarG)	LP	HP
316	25	250
316L	22	209
S31254	27	335
N04400	21	213

MATERIAL DATA			
ITEM \ MATERIAL TYPE	SS316	SS316L	SS31254
SHELL	SA-312 TP316	SA-312 F316L	SA-312 S31254
END PLUGS	SA-182 F316	SA-182 F316L	SA-182 F44
FLANGE ADAPTORS	SA-182 F316	SA-182 F316L	SA-182 F44
FLANGES	SA-182 F316	SA-182 F316L	SA-182 F44
THREADED NIPPLES	SA-312 TP316	SA-312 TP316L	SA-312 S31254
HI-PRO BALL VALVES	SS316	SS316L	S31254
MOUNTING BRACKETS	SS316	SS316L	S31254

NOZZLE	DUTY	NOM BORE	RATING	TYPE	SCHEDULE
I	-	-	-	-	I
<p align="center">NOZZLE SCHEDULE DEPENDANT UPON AIR-HEADER CONFIGURATION – SEE DETAILS AND PURCHASE ORDER(S)</p>					
CUSTOMER: SERIAL NUMBER(S): PED RISK CATEGORY: EC UNIT VERIFICATION MODULE: MANUFACTURER		PARKER HANNIFIN PLC SEE ROUTE CARD(S) N/A N/A CPE PRESSURE VESSELS LTD		TIL FORANCES (U.K.S.) DIMENSIONS 10-200mm DIMENSIONS 100-500mm DIMENSIONS 500-1000mm DIMENSIONS 1000-2000mm ANGULAR DIMENSIONS NOT ROUND CLIMBERS 12.5mm DIA 15mm DIA 18mm DIA 20mm DIA 25mm DIA 30mm DIA 35mm DIA 40mm DIA 45mm DIA 50mm DIA 55mm DIA 60mm DIA 65mm DIA 70mm DIA 75mm DIA 80mm DIA 85mm DIA 90mm DIA 95mm DIA 100mm DIA 105mm DIA 110mm DIA 115mm DIA 120mm DIA 125mm DIA 130mm DIA 135mm DIA 140mm DIA 145mm DIA 150mm DIA 155mm DIA 160mm DIA 165mm DIA 170mm DIA 175mm DIA 180mm DIA 185mm DIA 190mm DIA 195mm DIA 200mm DIA 205mm DIA 210mm DIA 215mm DIA 220mm DIA 225mm DIA 230mm DIA 235mm DIA 240mm DIA 245mm DIA 250mm DIA 255mm DIA 260mm DIA 265mm DIA 270mm DIA 275mm DIA 280mm DIA 285mm DIA 290mm DIA 295mm DIA 300mm DIA 305mm DIA 310mm DIA 315mm DIA 320mm DIA 325mm DIA 330mm DIA 335mm DIA 340mm DIA 345mm DIA 350mm DIA 355mm DIA 360mm DIA 365mm DIA 370mm DIA 375mm DIA 380mm DIA 385mm DIA 390mm DIA 395mm DIA 400mm DIA 405mm DIA 410mm DIA 415mm DIA 420mm DIA 425mm DIA 430mm DIA 435mm DIA 440mm DIA 445mm DIA 450mm DIA 455mm DIA 460mm DIA 465mm DIA 470mm DIA 475mm DIA 480mm DIA 485mm DIA 490mm DIA 495mm DIA 500mm DIA 505mm DIA 510mm DIA 515mm DIA 520mm DIA 525mm DIA 530mm DIA 535mm DIA 540mm DIA 545mm DIA 550mm DIA 555mm DIA 560mm DIA 565mm DIA 570mm DIA 575mm DIA 580mm DIA 585mm DIA 590mm DIA 595mm DIA 600mm DIA 605mm DIA 610mm DIA 615mm DIA 620mm DIA 625mm DIA 630mm DIA 635mm DIA 640mm DIA 645mm DIA 650mm DIA 655mm DIA 660mm DIA 665mm DIA 670mm DIA 675mm DIA 680mm DIA 685mm DIA 690mm DIA 695mm DIA 700mm DIA 705mm DIA 710mm DIA 715mm DIA 720mm DIA 725mm DIA 730mm DIA 735mm DIA 740mm DIA 745mm DIA 750mm DIA 755mm DIA 760mm DIA 765mm DIA 770mm DIA 775mm DIA 780mm DIA 785mm DIA 790mm DIA 795mm DIA 800mm DIA 805mm DIA 810mm DIA 815mm DIA 820mm DIA 825mm DIA 830mm DIA 835mm DIA 840mm DIA 845mm DIA 850mm DIA 855mm DIA 860mm DIA 865mm DIA 870mm DIA 875mm DIA 880mm DIA 885mm DIA 890mm DIA 895mm DIA 900mm DIA 905mm DIA 910mm DIA 915mm DIA 920mm DIA 925mm DIA 930mm DIA 935mm DIA 940mm DIA 945mm DIA 950mm DIA 955mm DIA 960mm DIA 965mm DIA 970mm DIA 975mm DIA 980mm DIA 985mm DIA 990mm DIA 995mm DIA 1000mm DIA 1005mm DIA 1010mm DIA 1015mm DIA 1020mm DIA 1025mm DIA 1030mm DIA 1035mm DIA 1040mm DIA 1045mm DIA 1050mm DIA 1055mm DIA 1060mm DIA 1065mm DIA 1070mm DIA 1075mm DIA 1080mm DIA 1085mm DIA 1090mm DIA 1095mm DIA 1100mm DIA 1105mm DIA 1110mm DIA 1115mm DIA 1120mm DIA 1125mm DIA 1130mm DIA 1135mm DIA 1140mm DIA 1145mm DIA 1150mm DIA 1155mm DIA 1160mm DIA 1165mm DIA 1170mm DIA 1175mm DIA 1180mm DIA 1185mm DIA 1190mm DIA 1195mm DIA 1200mm DIA 1205mm DIA 1210mm DIA 1215mm DIA 1220mm DIA 1225mm DIA 1230mm DIA 1235mm DIA 1240mm DIA 1245mm DIA 1250mm DIA 1255mm DIA 1260mm DIA 1265mm DIA 1270mm DIA 1275mm DIA 1280mm DIA 1285mm DIA 1290mm DIA 1295mm DIA 1300mm DIA 1305mm DIA 1310mm DIA 1315mm DIA 1320mm DIA 1325mm DIA 1330mm DIA 1335mm DIA 1340mm DIA 1345mm DIA 1350mm DIA 1355mm DIA 1360mm DIA 1365mm DIA 1370mm DIA 1375mm DIA 1380mm DIA 1385mm DIA 1390mm DIA 1395mm DIA 1400mm DIA 1405mm DIA 1410mm DIA 1415mm DIA 1420mm DIA 1425mm DIA 1430mm DIA 1435mm DIA 1440mm DIA 1445mm DIA 1450mm DIA 1455mm DIA 1460mm DIA 1465mm DIA 1470mm DIA 1475mm DIA 1480mm DIA 1485mm DIA 1490mm DIA 1495mm DIA 1500mm DIA 1505mm DIA 1510mm DIA 1515mm DIA 1520mm DIA 1525mm DIA 1530mm DIA 1535mm DIA 1540mm DIA 1545mm DIA 1550mm DIA 1555mm DIA 1560mm DIA 1565mm DIA 1570mm DIA 1575mm DIA 1580mm DIA 1585mm DIA 1590mm DIA 1595mm DIA 1600mm DIA 1605mm DIA 1610mm DIA 1615mm DIA 1620mm DIA 1625mm DIA 1630mm DIA 1635mm DIA 1640mm DIA 1645mm DIA 1650mm DIA 1655mm DIA 1660mm DIA 1665mm DIA 1670mm DIA 1675mm DIA 1680mm DIA 1685mm DIA 1690mm DIA 1695mm DIA 1700mm DIA 1705mm DIA 1710mm DIA 1715mm DIA 1720mm DIA 1725mm DIA 1730mm DIA 1735mm DIA 1740mm DIA 1745mm DIA 1750mm DIA 1755mm DIA 1760mm DIA 1765mm DIA 1770mm DIA 1775mm DIA 1780mm DIA 1785mm DIA 1790mm DIA 1795mm DIA 1800mm DIA 1805mm	

4	24/09/21	TEST PRESSURES ADDED	P.O.
3	25/08/21	PRESSURE/TEMP RATINGS ADDED	P.O.
2	23/04/14	MDMT CHANGE	M.B.
1	08/06/12	HI-PRO BALL VALVE ADDED, RTJ FLANGE OPTION, PARKER BRANDING	P.O.
0	15/05/12	ORIGINAL ISSUE	P.O.
REV	DATE	DESCRIPTION	ISS

AIR HEADER MANIFOLD ASSEMBLY		
DATE	SCALE	DRAWING No
24/09/21	---:---	HPAHM-DWG-CRN

J

I

H

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F

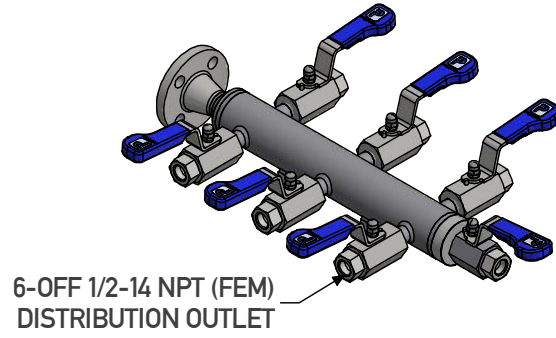
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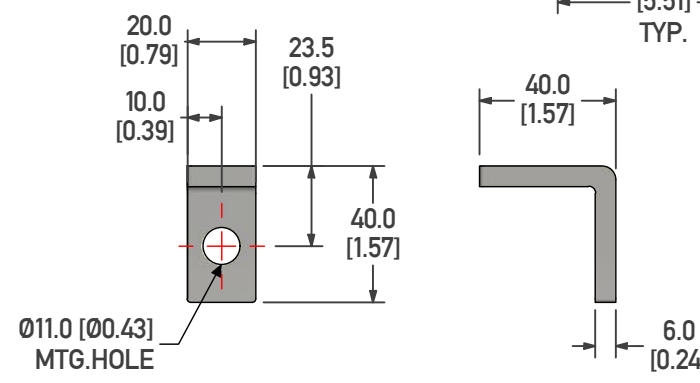
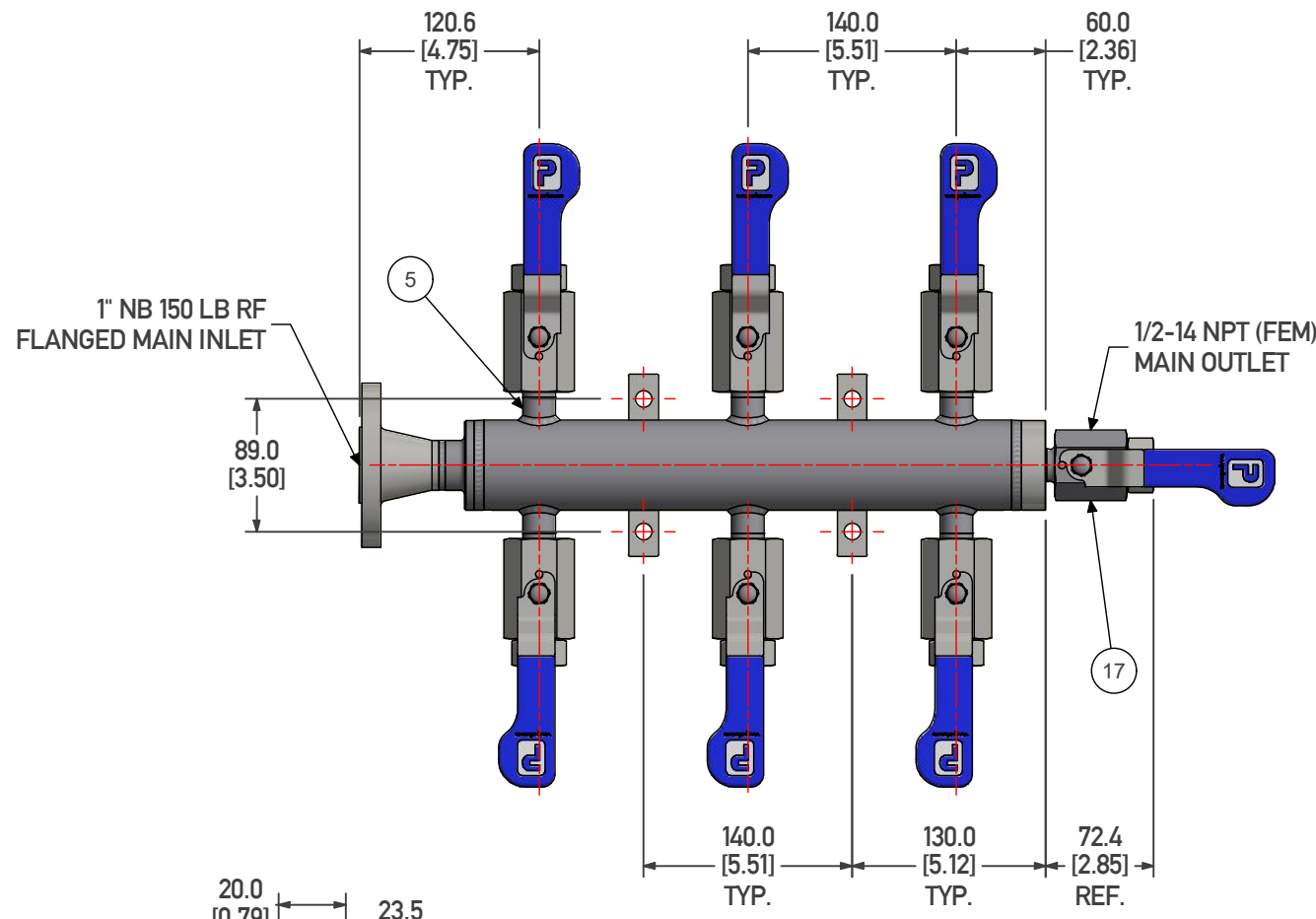
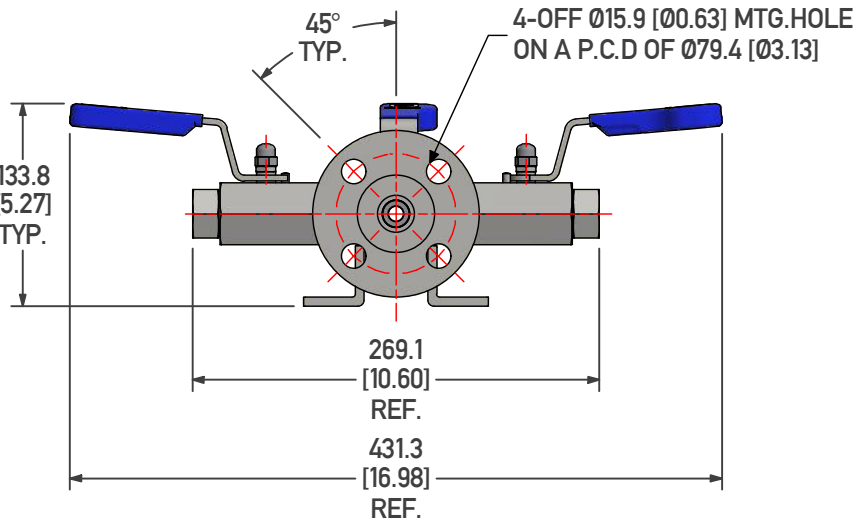
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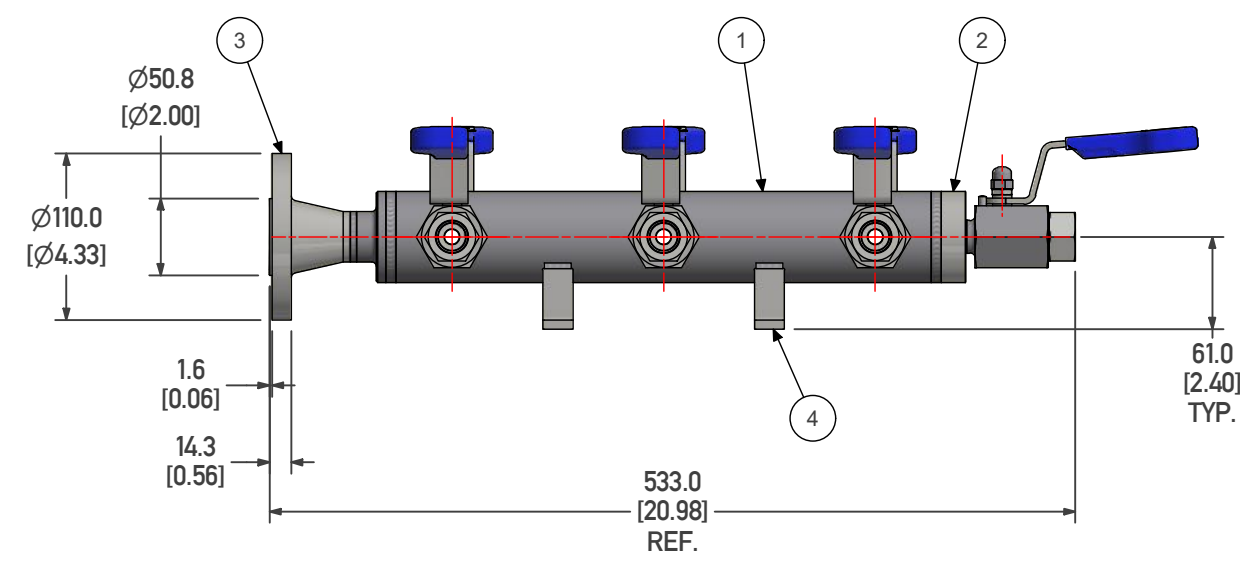


6-OFF 1/2-14 NPT (FEM)
DISTRIBUTION OUTLET

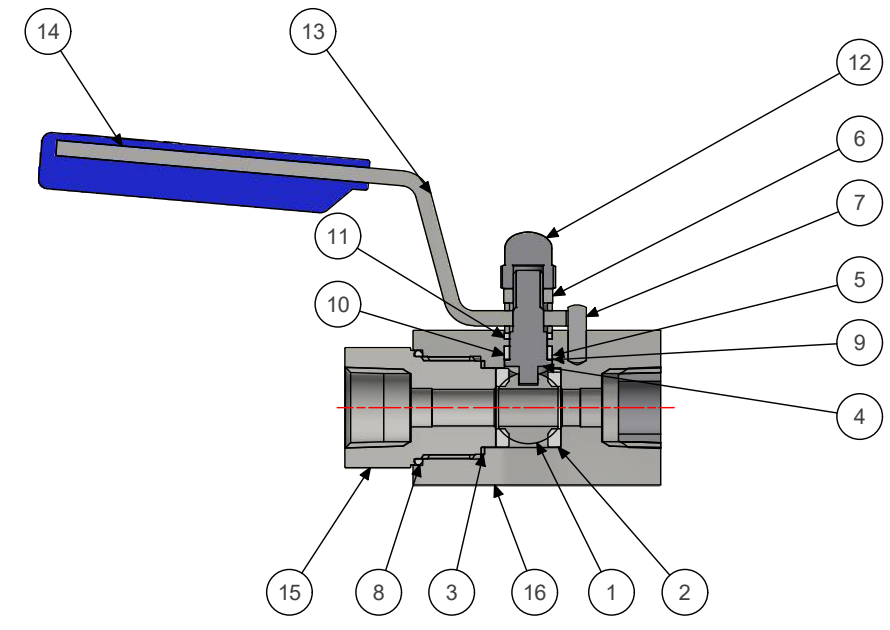
HI-PRO AIR HEADER DISTRIBUTION MANIFOLD
6 WAY DISTRIBUTION
MAIN INLET: 1" NB 150 LB RF FLANGED
MAIN OUTLET: 1/2-14 NPT (FEM)
HI-PRO BALL VALVE (10mm Bore)
DISTRIBUTION OUTLETS: 6-OFF 1/2-14 NPT (FEM)
HI-PRO BALL VALVE (10mm Bore)
BODY CONSTRUCTED FROM 2" NB SCH 80 PIPE, WELDED CONSTRUCTION
MASS: 11.8 kg Approx.



AIR HEADER FOOT



PART LIST			
ITEM NO.	QTY.	DESCRIPTION	MATERIAL
1	7	BALL	STAINLESS STEEL, 316
2	14	SEAT	PTFE
3	7	JOINT SEAL	STAINLESS STEEL,316
4	7	STEM	STAINLESS STEEL,316
5	14	THRUST BUSH	STAINLESS STEEL,316
6	7	NUT	STAINLESS STEEL,316
7	7	SPIRAL PIN	STAINLESS STEEL,316
8	7	ENVIRONMENTAL SEAL	PTFE
9	7	THRUST SEAL	GLASS REINFORCED PTFE
10	7	PACKING	PTFE
11	7	UPPER PACKING	PTFE
12	7	DOME NUT	STAINLESS STEEL,316
13	7	HANDLE	STAINLESS STEEL,316
14	7	HANDLE GRIP	PLASTIC LDPE BLUE
15	7	BALL VALVE END CONNECTOR	STAINLESS STEEL,316
16	6	BALL VALVE BODY	STAINLESS STEEL,316
17	1	BALL VALVE BODY (MALE)	STAINLESS STEEL,316



ITEM	QTY.	DESCRIPTION	MATERIAL
1	1	6-WAY PIPE AIR HEADER	316 ST.STL.
2	1	AIR HEADER END PLATE	316 ST.STL.
3	1	WELD NECK FLANGE	316L ST.STL.
4	2	AIR HEADER FOOT	316 ST.STL.
5	6	MALE WELD STUB	316L ST.STL.



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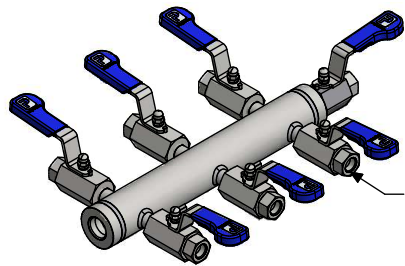
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ALL DIMENSIONS IN mm WITH IMPERIAL EQUIVALENTS IN PARENTHESIS

DRAWING TITLE :
HI-PRO AIR HEADER DISTRIBUTION MANIFOLD
6 WAY DISTRIBUTION
1" NB 150 LB RF FLANGED MAIN INLET
1/2-14 NPT (FEM) MAIN OUTLET
6-OFF 1/2-14 NPT (FEM) DISTRIBUTION OUTLET
275 PSI RANGE
CUSTOMER ASSEMBLY DRAWING

DO NOT SCALE		IF IN DOUBT ASK		WWW.PARKER.COM/IPD	
REV No. =	Version No. .2	UNLESS STATED 3rd ANGLE PROJECTION			
ECO NO. ECO-0273060	ECO DATE: 03/01/2019				
DRAWN BY: TECHM	DRAWN DATE: 23/11/2020			 ENGINEERING YOUR SUCCESS.	
DESCRIPTION OF REV / VERSION CHANGE 1. Updated with latest template and air header foot 2. Updated with BOM					
CHECKED & APPROVED BY: Approvals Using Electronic 'ENOVIA ECO WORKFLOW'				HPAHMS616F1508N8NBVO	



6-OFF 1/2-14 NPT (FEM)
DISTRIBUTION OUTLETS

HI-PRO AIR HEADER DISTRIBUTION MANIFOLD 6 WAY

MAIN INLET : 1-11.5 NPT (FEM)

MAIN OUTLET : 1/2-14 NPT (FEM) (10mm BORE HI PRO
BALL VALVE)

DISTRIBUTION OUTLET : 6-OFF 1/2-14 NPT (FEM) (10mm
BORE HI PRO BALL VALVE)

MATERIAL : 316/316L ST. STL.

PACKING MATERIAL : PTFE

SEAT MATERIAL : PTFE

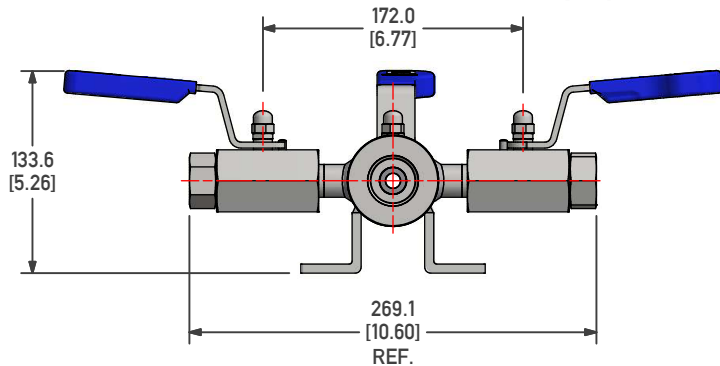
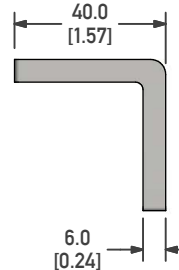
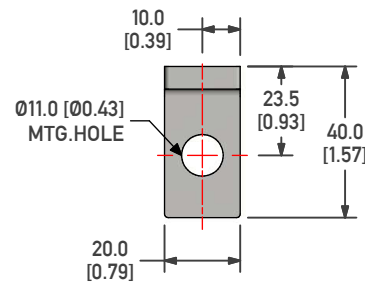
SUPPLIED WITH MOUNTING FEET

BODY CONSTRUCTED FROM 2" NB Sch 80 Pipe

MASS : 10.8 kg Approx.

FOR OTHER MATERIALS OF CONSTRUCTION :
SEE 'HI-PRO MATERIAL SPEC'

AIR HEADER FOOT

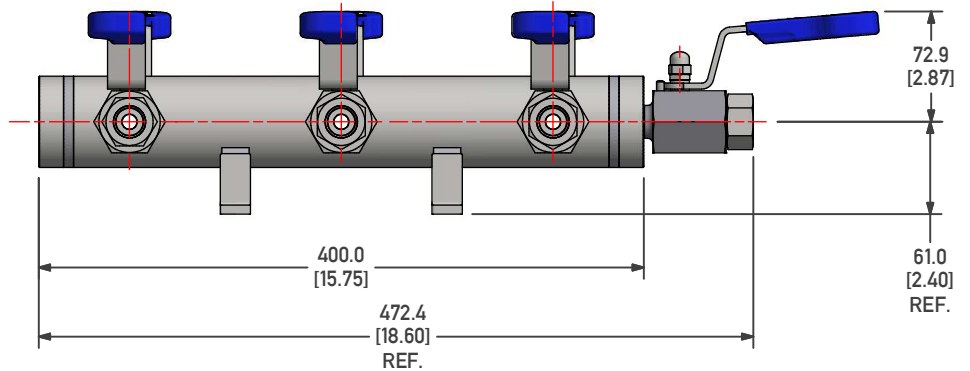


1-11.5 NPT (FEM)
MAIN INLET

89.0
[3.50]

60.0
[2.36]
TYP.

1/2-14 NPT (FEM)
OUTLET



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ALL DIMENSIONS IN mm WITH IMPERIAL EQUIVALENTS IN PARENTHESIS

DRAWING TITLE :

HI-PRO AIR HEADER DISTRIBUTION MANIFOLD

6 WAY DISTRIBUTION

1-11.5 NPT (FEM) MAIN INLET

1/2-14 NPT (FEM) MAIN OUTLET

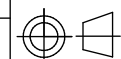
6-OFF 1/2-14 NPT (FEM) DISTRIBUTION OUTLET

CUSTOMER ASSEMBLY DRAWING

DO NOT SCALE IF IN DOUBT ASK WWW.PARKER.COM/IPD

REV No. -	Version No. -
ECO NO.: ECO-0326035	ECO DATE: 03/04/2020
DRAWN BY: TECHM	DRAWN DATE: 03/04/2020
DESCRIPTION OF REV / VERSION CHANGE	

UNLESS STATED
3rd ANGLE
PROJECTION



ENGINEERING YOUR SUCCESS.

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Electronic 'ENOVIA ECO WORKFLOW'

HPAHMS616N8N8NBVO