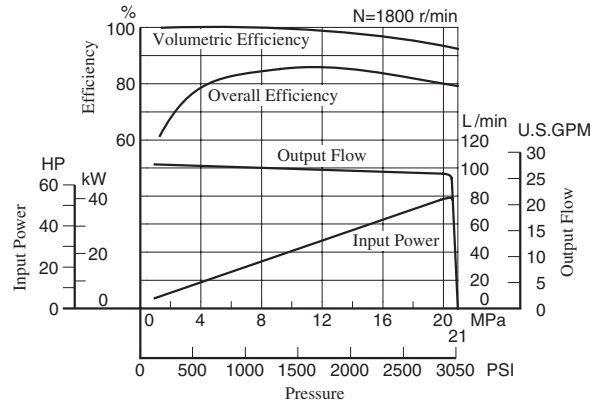
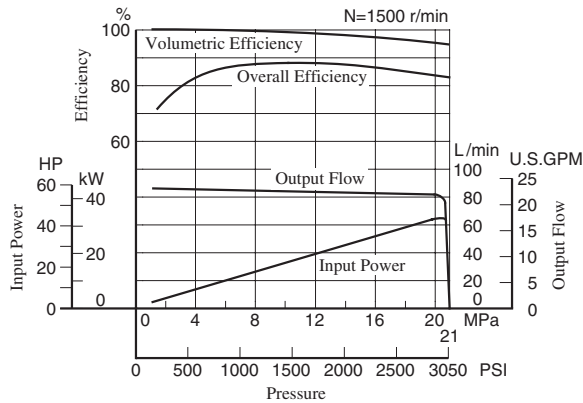


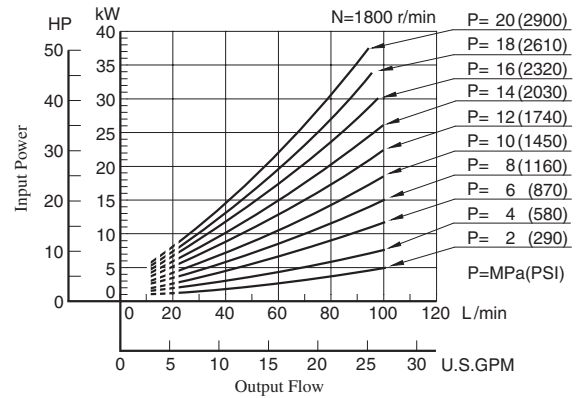
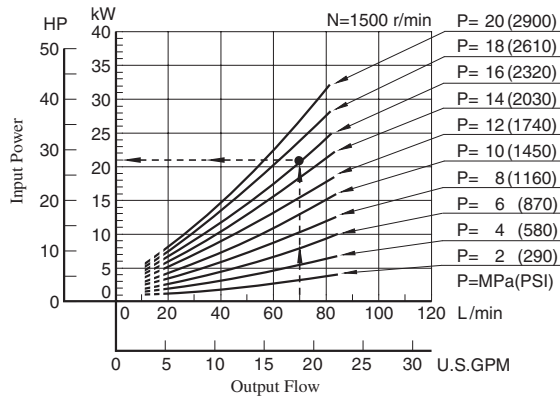
Typical Performance Characteristics of Type "A56" at Viscosity 20 mm²/s (100 SSU) [ISO VG32 Oils, 50°C (122°F)]

■ Performance Characteristic Curve

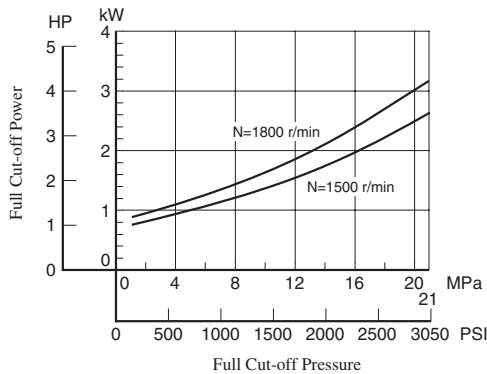


■ Input Power

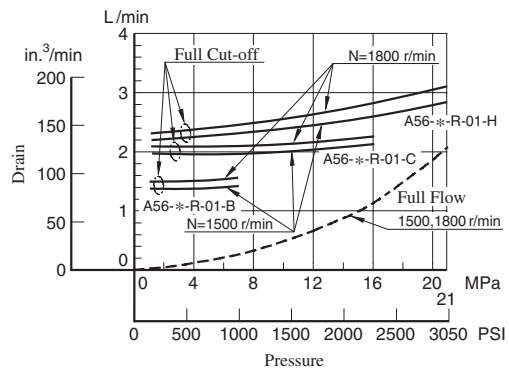
Example: At a pressure of under 16 MPa (2320 PSI), a flow 70 L/min (18.5 U.S.GPM), and rotation 1500 r/min, the axial input becomes about 20.8 kW (27.9 HP) as shown the dotted line in the graph.



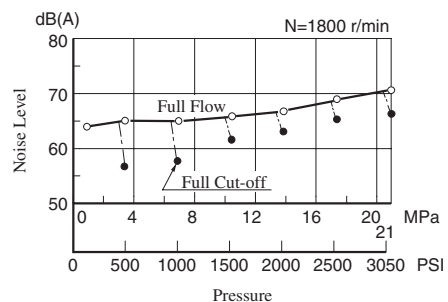
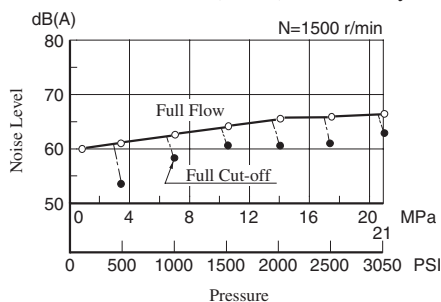
■ Full Cut-off Power



■ Drain

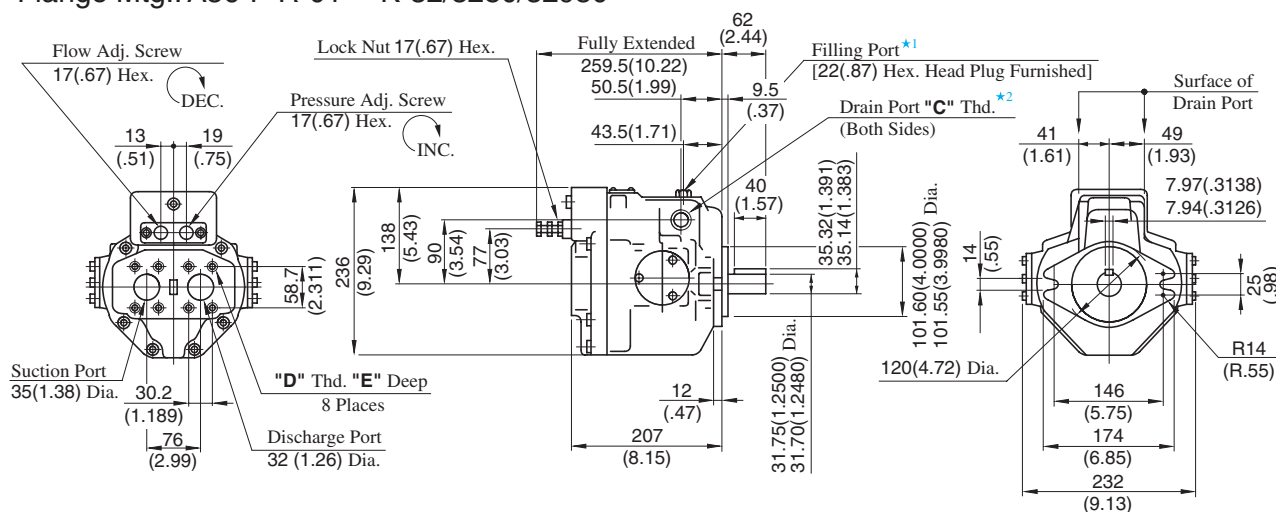


■ Noise Level [One metre (3.3 ft.) horizontally away from pump head cover]



Axial Port Type

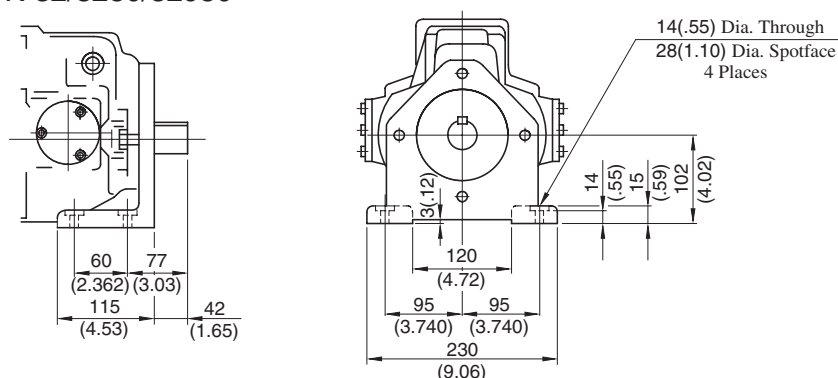
Flange Mtg.: A56-F-R-01-*-K-32/3280/32950



Model Numbers	"C" Thd.	"D" Thd.	E mm (IN.)
A56-F-R-01-*-K-32	Rc 3/4	M 10	19 (.75)
A56-F-R-01-*-K-3280	3/4 BSP.F	M 10	19 (.75)
A56-F-R-01-*-K-32950	SAE #12	7/16-14 UNC	20 (.79)

- *1. Install the pump so that the "Filling Port" is at the top.
- *2. Use either port of the two drain ports at your option. Keep the remaining port plugged.

Foot Mtg.: A56-L-R-01-*-K-32/3280/32950

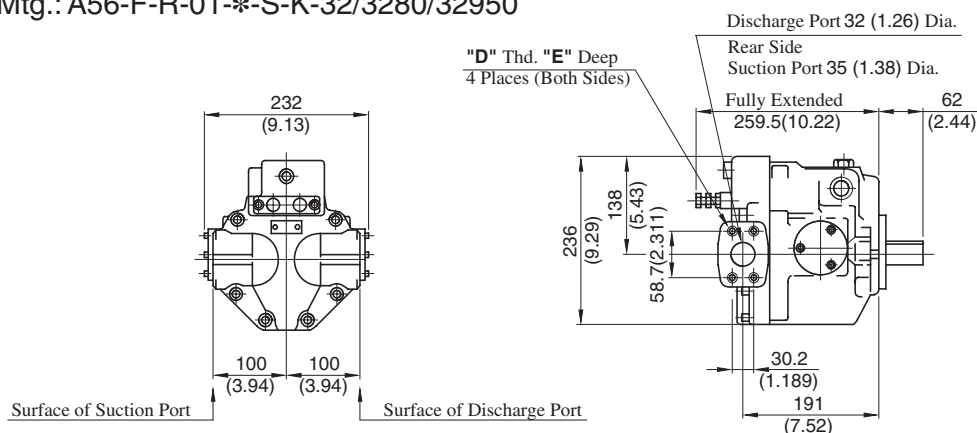


• For other dimensions, refer to "Flange Mtg.".

Side Port Type

DIMENSIONS IN MILLIMETRES (INCHES)

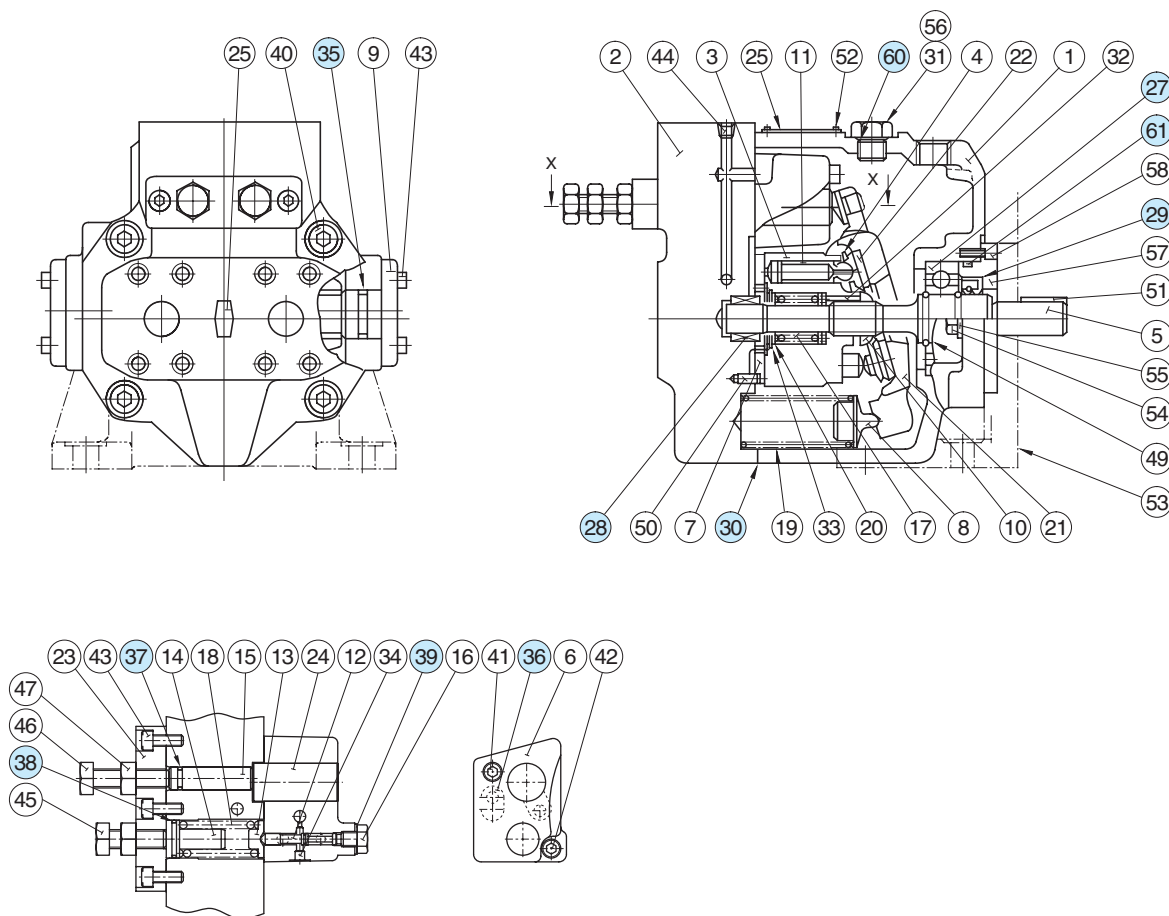
Flange Mtg.: A56-F-R-01-*-S-K-32/3280/32950



- For other dimensions, refer to "Axial Port Type".
- Foot Mtg. Type; Mounting bracket is common to that of "Axial Port Type".

Spare Parts List

A16/A22/A37/A56-*-R-01-*-K-32/3280/32950



Section X-X

List of Seals and Bearings

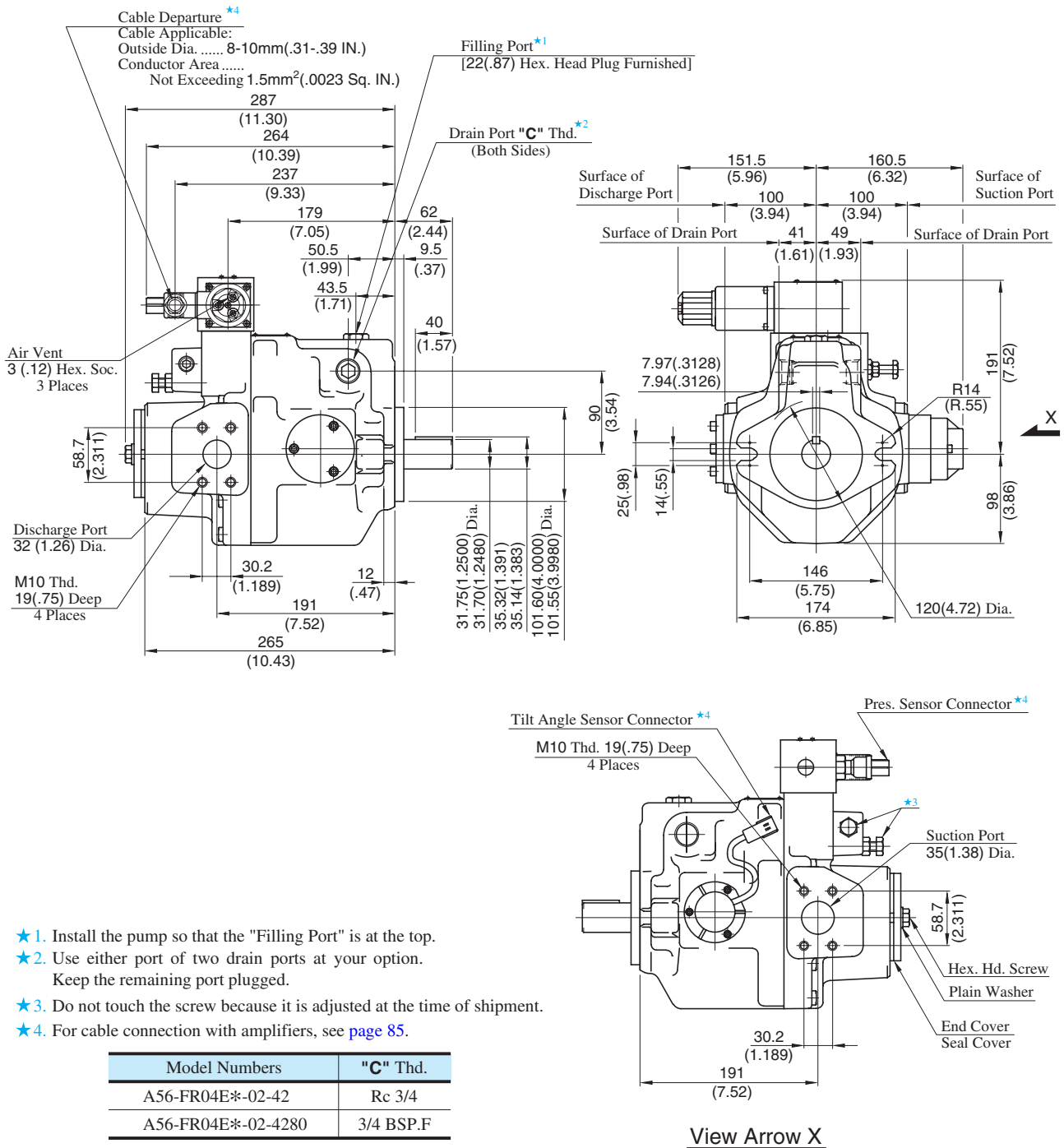
Item	Name of Parts	Part Numbers				Qty.
		A16-*-R-01	A22-*-R-01	A37-*-R-01	A56-*-R-01	
27	Bearing	6305		6307	NUP 207E	1
28	Bearing	HMK 1715	Z30-1303-PK410300-8	HMK 2025V2	HMK 2530V2	1
29 [*]	Oil Seal	TCN 254511		TCN 355511	TCN 355511	1
30 [*]	Gasket	1303-PK211969-1		1316-PK211970-9	1307-PK211971-7	1
35 [*]	O-Ring	SO-NA-G25		SO-NA-G30	SO-NA-P36	2
36 [*]	O-Ring	SO-NB-P12		SO-NB-P10A		1
37 [*]	O-Ring	SO-NB-P9				1
38 [*]	O-Ring	SO-NA-A017				1
39 [*]	Seal Washer	W8				1
60 [*]	O-Ring	SO-NB-P14				1
61 [*]	O-Ring	SO-NA-G55		SO-NA-G75		1

★When ordering seals, please specify the seal kit number from the table below.

List of Seal Kits

Pump Model Numbers	Seal Kit Numbers
A16-*-R-01-*-K-32*	KS-A16-01-32
A22-*-R-01-*-K-32*	
A37-*-R-01-*-K-32*	KS-A37-01-32
A56-*-R-01-*-K-32*	KS-A56-01-32

Flange Mtg. : A56-FR04E*-02-42/4280



DIMENSIONS IN
MILLIMETRES (INCHES)

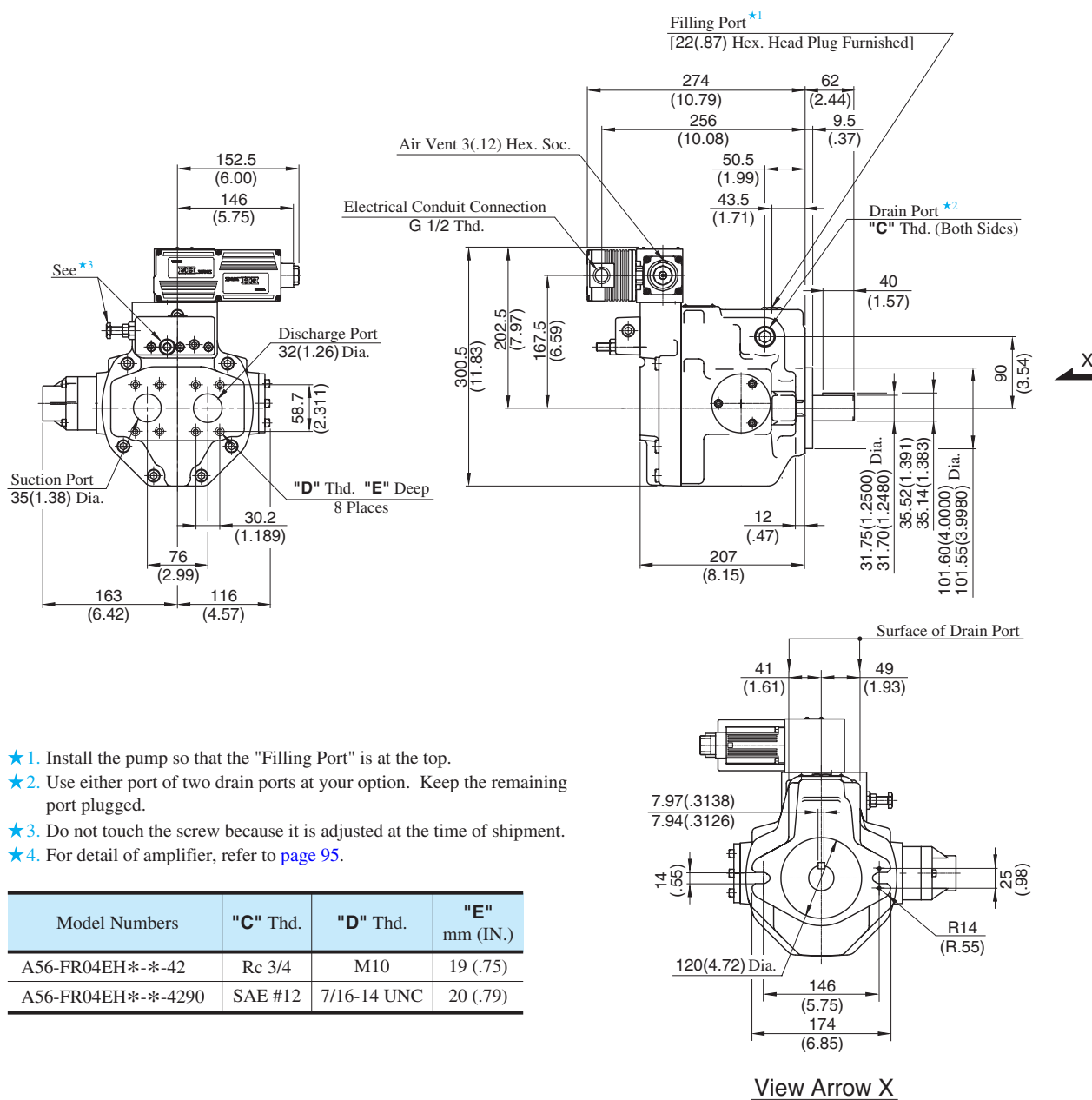
● Foot Mounting Type

Mounting bracket is common to that of pressure compensator model.
Refer to page 47 for the dimensions of mounting bracket.



Axial Port Type

Flange Mtg.: A56-FR04EH*-42/4290



DIMENSIONS IN
MILLIMETRES (INCHES)

Side Port Type

Port mounting dimensions are the same as those of pressure compensator model. Refer to [page 47](#) for port mounting dimensions.

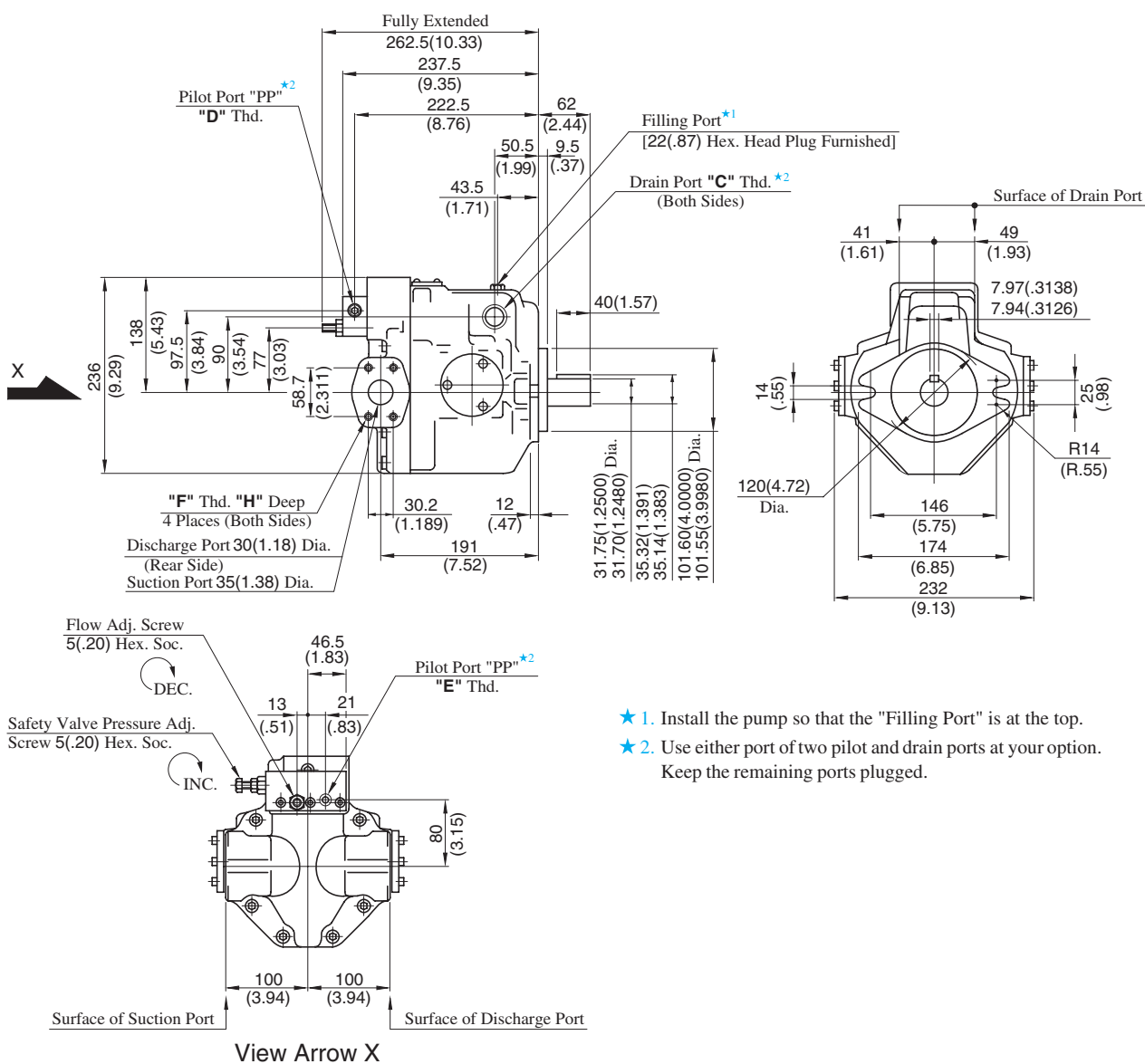
Foot Mounting Type

Mounting bracket is common to that of pressure compensator model. Refer to [page 47](#) for the dimensions of mounting bracket.



Side Port Type

Flange Mtg. : A56-F-R-07-S-K-32/3280/32950



- ★ 1. Install the pump so that the "Filling Port" is at the top.
- ★ 2. Use either port of two pilot and drain ports at your option. Keep the remaining ports plugged.

Model Numbers	"C" Thd.	"D" Thd.	"E" Thd.	"F" Thd.	"H" mm (IN.)
A56-F-R-07-S-K-32	Rc 3/4	Rc 3/8	Rc 1/4	M10	19 (.75)
A56-F-R-07-S-K-3280	3/4 BSP.F	3/8 BSP.F	1/4 BSP. Tr		
A56-F-R-07-S-K-32950	SAE #12	SAE #6	SAE #4	7/16-14 UNC	20 (.79)

DIMENSIONS IN
MILLIMETRES (INCHES)

● Axial Port Type

Port mounting dimensions are the same as those of pressure compensator model. Refer to [page 47](#) for port mounting dimensions.

● Foot Mounting Type

Mounting bracket is common to that of pressure compensator model. Refer to [page 47](#) for the dimensions of mounting bracket.