



AIR TECH

KHAN AIR DIAPHRAGM PUMP

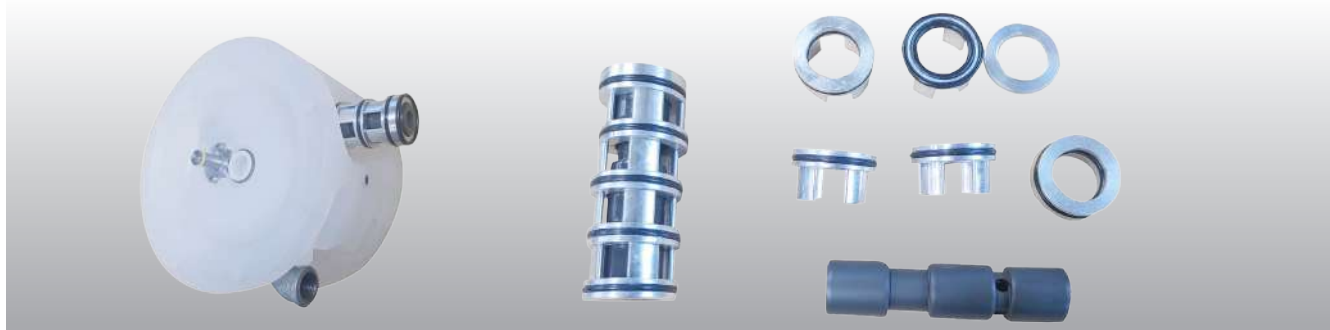


에어텍은 펌프분야에 많은 관심을 가지고
AIR DIAPHRAGM PUMP를 자체기술력을 바탕으로
 국산화에 성공하며 국내유일의 **A.O.D PUMP**를
 제조판매하는 업체입니다.



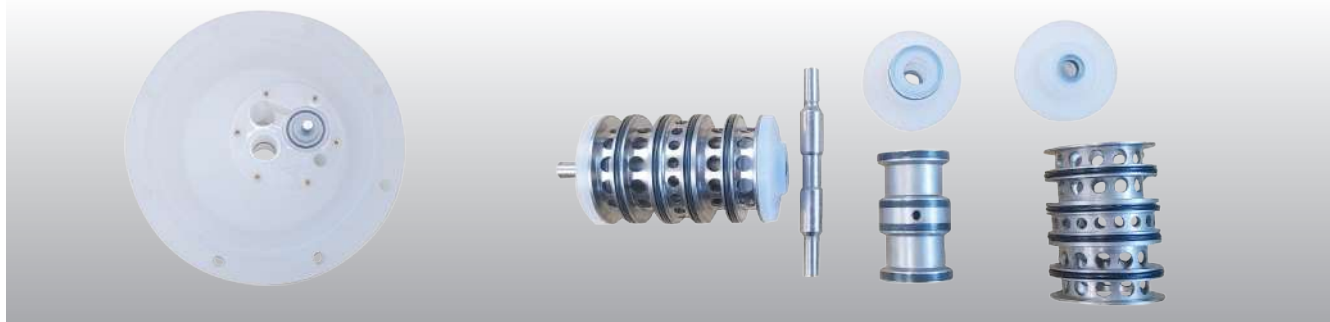
XPK SERIES (EXTERNAL AIR VALVE TYPE)

Page 3~17



XP SERIES (INTERNAL AIR VALVE TYPE)

Page 18~29

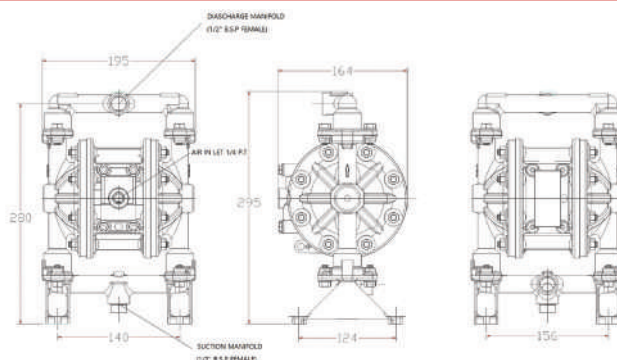


KHAN Air Diaphragm Pump AT 15 APK

1/2" METAL PUMPS (ALUMINUM)



AT15APK DIMENSION DATA



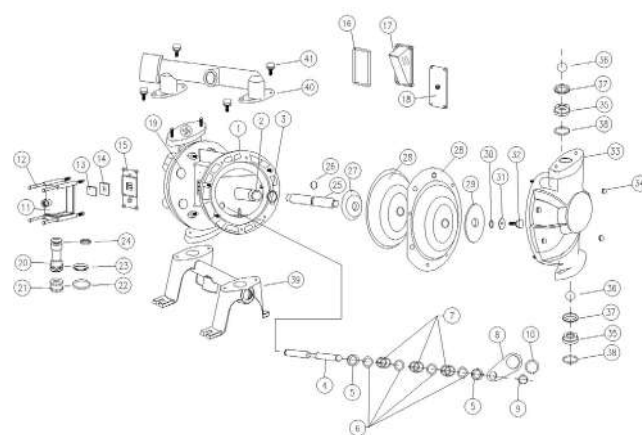
1/2" METAL PUMPS (ALUMINUM)

- Max Capacity : 49 LPM
- Port Size : 1/2" x 1/2" (BSP) Female
- Air Inlet : 1/4" Female
- Dry Suction Lift : 3m (Rubber fitted)
- Max. Particle Size : 2.4 mm
- Max. Operating Pressure : 6.9 bar
- Shipping Weights : 3.9kgs

ORDERING MENU

AT15 A PK - XX / XX / XX / XX - X
 ① ② ③ ④ ⑤ ⑥ ⑦ ⑧

PARTS DRAWING OF AT15APK (ALUMINUM PUMP)



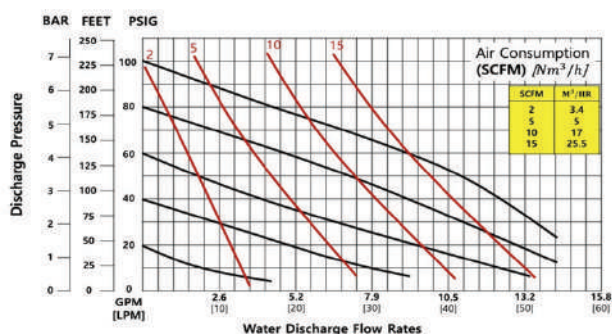
MATERIAL CODE

- ① PUMP SIZE**
 · 15 = 15A (1/2")
 · 25 = 25A (1")
 · 40 = 40A (1-1/2")
 · 50 = 50A (2")
- ② HOUSING**
 · A = ALUMINUM
 · S = SUS 316
 · AO = ALUMINUM OLD CHAMBER
 · P = POLYPROPYLENE
 · TF = TEFLON
- ③ CENTER SECTION**
 · P = POLYPROPYLENE (INTERNAL VALVE TYPE)
 · PK = POLYPROPYLENE (EXTERNAL VALVE TYPE)
- ④ DIAPHRAGM**
 · TF = TEFLON
 · BU = BACK-UP
 · NE = NEOPRENE
 · EP = EPDM
- ⑤ CHECK BALL**
 · TF = TEFLON
 · SA = SANTOPRENE
 · NE = NEOPRENE
 · EP = EPDM
- ⑥ VALVE SEAT**
 · TF = TEFLON
 · AL = ALUMINUM
 · SS = SUS 316
 · PP = POLYPROPYLENE
- ⑦ VALVE SEAT O-RING**
 · TF = TEFLON
 · NR = NATURAL RUBBER
 · EP = EPDM
 · VT = VITON
- ⑧ BASE TYPE**
 · C = METAL PUMP
 · P = PP, TEFLON (PTFE) PUMP

PARTS LIST

ITEM	DESCRIPTION	ITEM	DESCRIPTION
1	CENTER SECTION	22	VALVE PLUG O-RING
2	SHAFT BUSHING	23	VALVE U-CUP(LARGE)
3	SHAFT BUSHING O-RING	24	VALVE U-CUP(SMALL)
4	PILOT SHAFT	25	MAIN SHAFT
5	PILOT SHAFT WASHER	26	MAIN SHAFT O-RING
6	PILOT O-RING	27	INNER PLATE
7	PILOT SPACER	28	DIAPHRAGM
8	PILOT PLATE	29	OUTER PLATE
9	PILOT SHAFT SNAP RING	30	TEFLON INSERT O-RING
10	SNAP RING(SHAFT BUSHING)	31	SHAFT WASHER
11	AIR VALVE	32	SHAFT BOLT
12	AIR VALVE BOLT	33	WATER CHAMBER
13	AIR VALVE INSERT	34	NUT
14	AIR VALVE PLATE	35	VALVE SEAT
15	AIR VALVE GASKET	36	CHECK BALL
16	MUFFLER GASKET	37	VALVE SEAT WASHER
17	MUFFLER	38	VALVE SEAT O-RING
18	MUFFLER PLATE	39	SUCTION MANIFOLD
19	CENTER CHAMBER BOLT	40	DISCHARGE MANIFOLD
20	SPOOL	41	MANIFOLD BOLT
21	VALVE PLUG	42	

AT15APK DIMENSION DATA

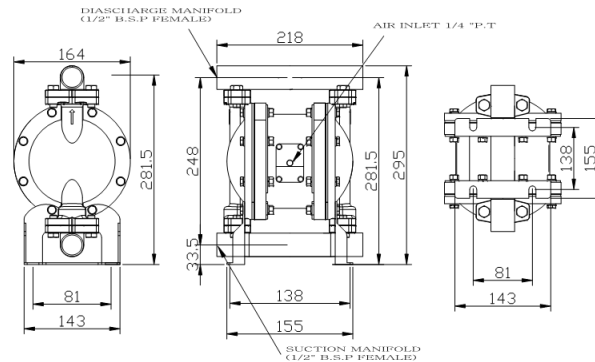


KHAN Air Diaphragm Pump AT 15 SPK

1/2" METAL PUMPS (SUS 316)



AT15SPK DIMENSION DATA



1/2" METAL PUMPS (SUS 316)

- Max Capacity : 49 LPM
- Port Size : 1/2" x 1/2"(BSP) Female
- Air Inlet : 1/4" Female
- Dry Suction Lift : 3m (Rubber fitted)
- Max. Particle Size : 2.4 mm
- Max. Operating Pressure : 6.9 bar
- Shipping Weights : 7.3kgs

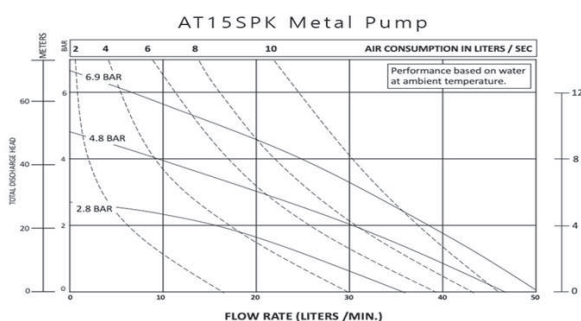
ORDERING MENU

AT15 S PK - XX / XX / XX / XX - X
 ① ② ③ ④ ⑤ ⑥ ⑦ ⑧

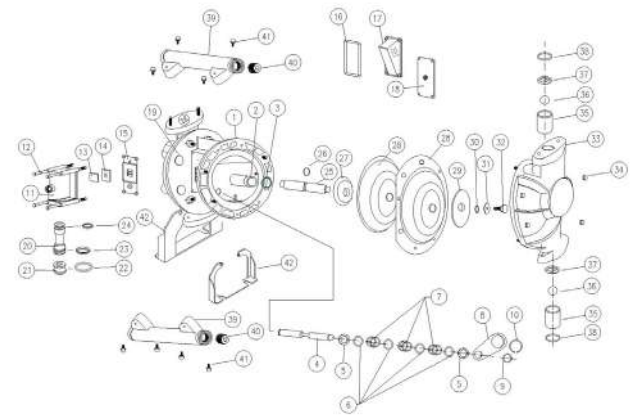
MATERIAL CODE

- ① PUMP SIZE**
 · 15 = 15A (1/2")
 · 25 = 25A (1")
 · 40 = 40A (1-1/2")
 · 50 = 50A (2")
- ② HOUSING**
 · A = ALUMINUM
 · S = SUS 316
 · AO = OLD ALUMINUM CHAMBER
 · P = POLYPROPYLENE
 · TF = TEFLON
- ③ CENTER SECTION**
 · P = POLYPROPYLENE (INTERNAL VALVE TYPE)
 · PK = POLYPROPYLENE (EXTERNAL VALVE TYPE)
- ④ DIAPHRAGM**
 · TF = TEFLON
 · BU = BACK-UP
 · NE = NEOPRENE
 · EP = EPDM
- ⑤ CHECK BALL**
 · TF = TEFLON
 · SA = SANTOPRENE
 · BN = BUNA-N
 · VT = VITON
 · EP = EPDM
- ⑥ VALVE SEAT**
 · AL = ALUMINUM
 · TF = TEFLON
 · SS = SUS 316
 · PP = POLYPROPYLENE
- ⑦ VALVE SEAT O-RING**
 · TF = TEFLON
 · NR = NATURAL RUBBER
 · EP = EPDM
 · VT = VITON
- ⑧ BASE TYPE**
 · C = METAL PUMP
 · P = PP, TEFLON (PTFE) PUMP

AT15SPK DIMENSION DATA



PARTS DRAWING OF AT15SPK(SUS316 PUMP)



PARTS LIST

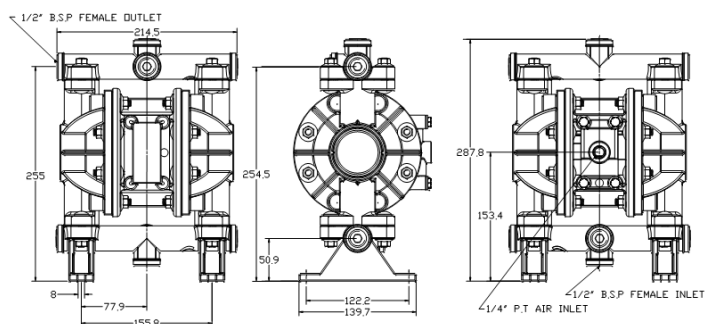
ITEM	DESCRIPTION	ITEM	DESCRIPTION
1	CENTER SECTION	22	VALVE PLUG O-RING
2	SHAFT BUSHING	23	VALVE U-CUP(LARGE)
3	SHAFT BUSHING O-RING	24	VALVE U-CUP[SMALL]
4	PILOT SHAFT	25	MAIN SHAFT
5	PILOT SHAFT WASHER	26	MAIN SHAFT O-RING
6	PILOT O-RING	27	INNER PLATE
7	PILOT SPACER	28	DIAPHRAGM
8	PILOT PLATE	29	OUTER PLATE
9	PILOT SHAFT SNAP RING	30	TEFLON INSERT O-RING
10	SNAP RING(SHAFT BUSHING)	31	SHAFT WASHER
11	AIR VALVE	32	SHAFT BOLT
12	AIR VALVE BOLT	33	WATER CHAMBER
13	AIR VALVE INSERT	34	NUT
14	AIR VALVE PLATE	35	VALVE SEAT
15	AIR VALVE GASKET	36	CHECK BALL
16	MUFFLER GASKET	37	BALL STOP
17	MUFFLER	38	VALVE SEAT O-RING
18	MUFFLER PLATE	39	MANIFOLD
19	CENTER CHAMBER BOLT	40	PLUG
20	SPOOL	41	MANIFOLD BOLT
21	VALVE PLUG	42	BASE

KHAN Air Diaphragm Pump AT 15 PPK

1/2" Non-METAL PUMPS (POLYPROPYLENE)



AT15PPK DIMENSION DATA



1/2" Non-METAL PUMPS (POLYPROPYLENE)

- Max Capacity : 49 LPM
- Port Size : 1/2" x 1/2" (BSP) Female
- Air Inlet : 1/4" Female
- Dry Suction Lift : 2.4m (Rubber fitted)
- Max. Particle Size : 2.4 mm
- Max. Operating Pressure : 6.9 bar
- Shipping Weights : 3.8kgs

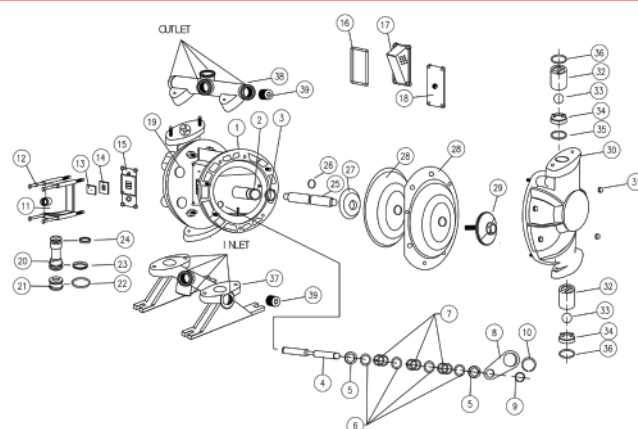
ORDERING MENU

AT15 P PK - XX / XX / XX / XX - X
 ① ② ③ ④ ⑤ ⑥ ⑦ ⑧

MATERIAL CODE

- ① PUMP SIZE**
 · 15 = 15A (1/2")
 · 25 = 25A (1")
 · 40 = 40A (1-1/2")
 · 50 = 50A (2")
- ② HOUSING**
 · A = ALUMINUM
 · S = SUS 316
 · AO = OLD ALUMINUM CHAMBER
 · P = POLYPROPYLENE
- ③ CENTER SECTION**
 · P = POLYPROPYLENE (INTERNAL VALVE TYPE)
 · PK = POLYPROPYLENE (EXTERNAL VALVE TYPE)
- ④ DIAPHRAGM**
 · TF = TEFLON
 · BU = BACK-UP
 · NE = NEOPRENE
 · EP = EPDM
- ⑤ CHECK BALL**
 · TF = TEFLON
 · SA = SANTOPRENE
 · NE = NEOPRENE
 · EP = EPDM
- ⑥ VALVE SEAT**
 · TF = TEFLON
 · AL = ALUMINUM
 · SS = SUS 316
 · PP = POLYPROPYLENE
- ⑦ VALVE SEAT O-RING**
 · TF = TEFLON
 · NR = NATURAL RUBBER
 · EP = EPDM
 · VT = VITON
- ⑧ BASE TYPE**
 · C = METAL PUMP
 · P = POLYPROPYLENE PUMP

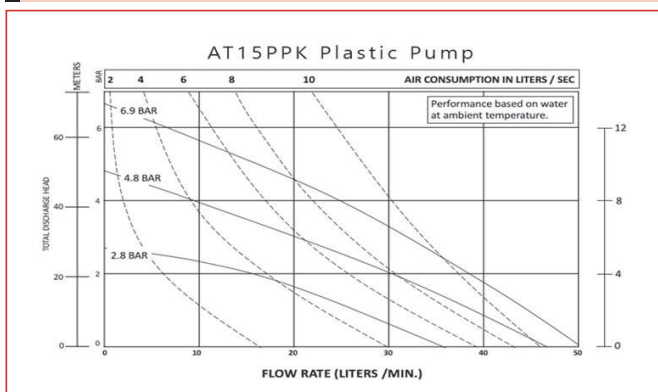
PARTS DRAWING OF AT15PPK (POLYPROPYLENE PUMP)



PARTS LIST

ITEM	DESCRIPTION	ITEM	DESCRIPTION
1	CENTER SECTION	21	VALVE PLUG
2	SHAFT BUSHING	22	VALVE PLUG O-RING
3	SHAFT BUSHING O-RING	23	VALVE U-CUP(LARGE)
4	PILOT SHAFT	24	VALVE U-CUP(SMALL)
5	PILOT SHAFT WASHER	25	MAIN SHAFT
6	PILOT O-RING	26	MAIN SHAFT O-RING
7	PILOT SPACER	27	INNER PLATE
8	PILOT PLATE	28	DIAPHRAGM
9	PILOT SHAFT SNAP RING	29	OUTER PLATE
10	SNAP RING(SHAFT BUSHING)	30	WATER CHAMBER
11	AIR VALVE	31	NUT
12	AIR VALVE BOLT	32	BALL STOP
13	AIR VALVE INSERT	33	CHECK BALL
14	AIR VALVE PLATE	34	VAVE SEAT
15	AIR VALVE GASKET	35	VALVE SEAT O-RING(SMALL)
16	MUFFLER GASKET	36	VALVE SEAT O-RING(LARGE)
17	MUFFER	37	SUCTION MANIFOLD
18	MUFFLER PLATE	38	DISCHARGE MANIFOLD
19	CENTER CHAMBER BOLT	39	PLUG
20	SPOOL	40	

AT15PPK PERFORMANCE CHARTS

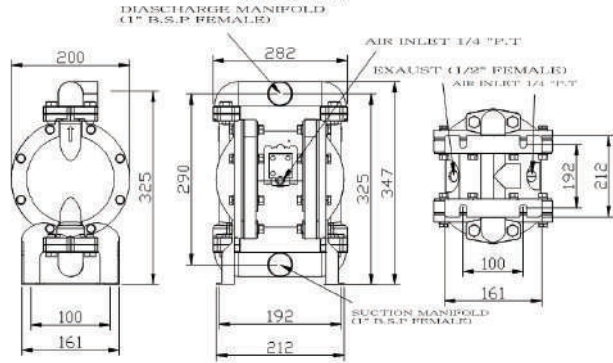


KHAN Air Diaphragm Pump AT 25 APK

1" METAL PUMPS (ALUMINUM)



AT25APK DIMENSION DATA



1" METAL PUMPS (ALUMINUM)

- Max Capacity : 140 LPM
- Port Size : 1" x 1" (BSP) Female
- Air Inlet : 1/4" Female
- Air Exhaust : 1/2" Female
- Dry Suction Lift : 6.1m (Rubber fitted)
- Max. Particle Size : 3.2 mm
- Max. Operating Pressure : 8.3 bar
- Shipping Weights : 9.2kgs

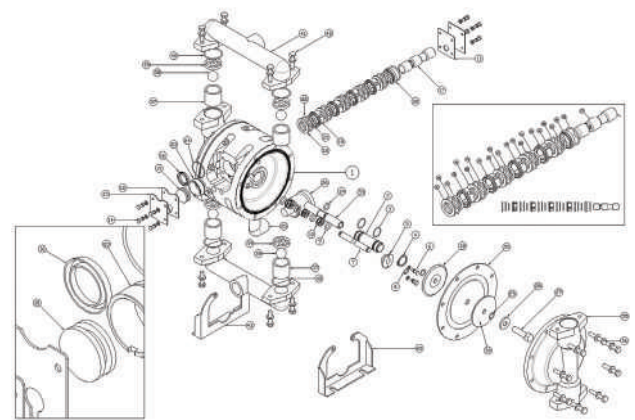
ORDERING MENU

AT25 A PK - XX / XX / XX / XX - X
 ① ② ③ ④ ⑤ ⑥ ⑦ ⑧

MATERIAL CODE

- ① PUMP SIZE**
 · 15 = 15A (1/2")
 · 25 = 25A (1")
 · 40 = 40A (1-1/2")
 · 50 = 50A (2")
- ② HOUSING**
 · A = ALUMINUM
 · S = SUS 316
 · AO = ALUMINUM OLD CHAMBER
 · P = POLYPROPYLENE
 · TF = TEFLON
- ③ CENTER SECTION**
 · P = POLYPROPYLENE (INTERNAL VALVE TYPE)
 · PK = POLYPROPYLENE (EXTERNAL VALVE TYPE)
- ④ DIAPHRAGM**
 · TF = TEFLON
 · BU = BACK-UP
 · NE = NEOPRENE
 · EP = EPDM
- ⑤ CHECK BALL**
 · TF = TEFLON
 · SA = SANTOPRENE
 · NE = NEOPRENE
 · EP = EPDM
- ⑥ VALVE SEAT**
 · TF = TEFLON
 · AL = ALUMINUM
 · SS = SUS 316
 · PP = POLYPROPYLENE
- ⑦ VALVE SEAT O-RING**
 · TF = TEFLON
 · NR = NATURAL RUBBER
 · EP = EPDM
 · VT = VITON
- ⑧ BASE TYPE**
 · C = METAL PUMP
 · P = PP, TEFLON (PTFE) PUMP

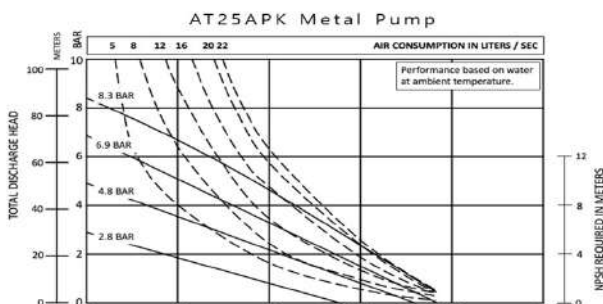
PARTS DRAWING OF AT25APK (ALUMINUM PUMP)



PARTS LIST

ITEM	DESCRIPTION	ITEM	DESCRIPTION
1	CENTER SECTION	23	PISTON BUSHING
2	SHAFT BUSHING	24	PISTON BUSHING O-RING
3	SHAFT BUSHING O-RING	25	MUFFLER ELBOW
4	SNAP RING	26	MUFFER
5	PILOT SHAFT CAP	27	MAIN SHAFT BOLT
6	PILOT CAP BOLT	28	MAIN SHAFT BOLT WASHER
7	PILOT SHAFT	29	INSERT O-RING
8	PILOT SHAFT END O-RING	30	OUTER PLATE
9	PILOT O-RING	31	DIAPHRAGM
10	PILOT SPACER	32	INNER PLATE
11	MAJOR V/V GASKET	33	MAIN SHAFT
12	MAJOR V/V GASKET	34	SHAFT O-RING
13	MAJOR V/V PLATE	35	WATER CHAMBER
14	MAJOR V/V PLATE BOLT	36	WATER CHAMBER BOLT
15	PISTON	37	VALVE SEAT
16	U-CUP SEAL	38	CHECK BALL
17	SPOOL	39	BALL STOP
18	MAJOR V/V WASHER	40	SEAT O-RING
19	MAJOR V/V SPACER	41	MANIFOLD
20	MAJOR V/V RETAINER	42	MANIFOLD BOLT
21	MAJOR V/V O-RING (SMALL)	43	LEG
22	MAJOR V/V O-RING (LARGE)	44	

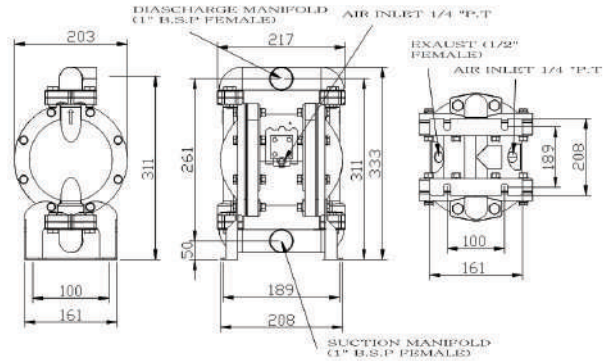
AT25APK PERFORMANCE CHARTS



1" METAL PUMPS (ALUMINUM OLD CHAMBER)



AT25AOPK DIMENSION DATA



1" METAL PUMPS (ALUMINUM OLD CHAMBER)

- Max Capacity : 140 LPM
- Port Size : 1" x 1" (BSP) Female
- Air Inlet : 1/4" Female
- Air Exhaust : 1/2" Female
- Dry Suction Lift : 6.1m (Rubber fitted)
- Max. Particle Size : 3.2 mm
- Max. Operating Pressure : 8.3 bar
- Shipping Weights : 6.5kgs

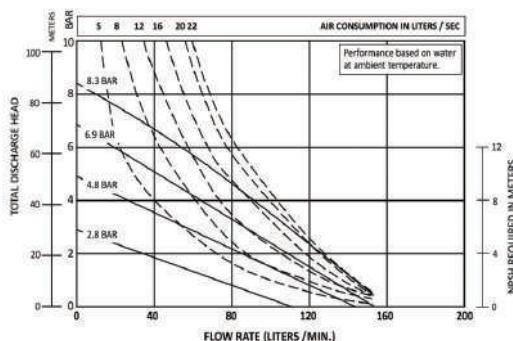
ORDERING MENU

AT25 AO PK - XX / XX / XX / XX - X
 ① ② ③ ④ ⑤ ⑥ ⑦ ⑧

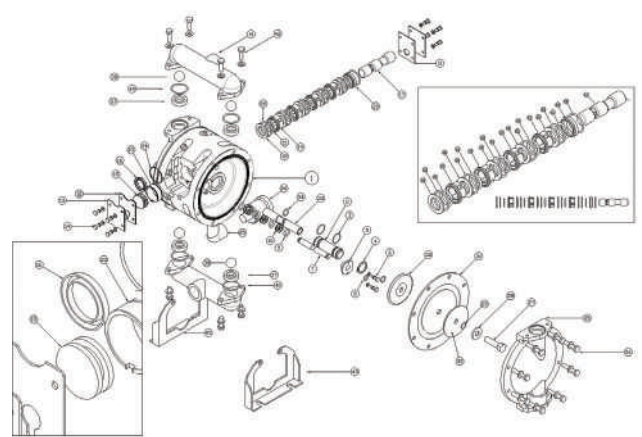
MATERIAL CODE

- ① PUMP SIZE**
 · 15 = 15A (1/2")
 · 25 = 25A (1")
 · 40 = 40A (1-1/2")
 · 50 = 50A (2")
- ② HOUSING**
 · A = ALUMINUM
 · S = SUS 316
 · AO = ALUMINUM OLD CHAMBER
 · P = POLYPROPYLENE
 · TF = TEFLON
- ③ CENTER SECTION**
 · P = POLYPROPYLENE (INTERNAL VALVE TYPE)
 · PK = POLYPROPYLENE (EXTERNAL VALVE TYPE)
- ④ DIAPHRAGM**
 · TF = TEFLON
 · BU = BACK-UP
 · NE = NEOPRENE
 · EP = EPDM
- ⑤ CHECK BALL**
 · TF = TEFLON
 · SA = SANTOPRENE
 · NE = NEOPRENE
 · EP = EPDM
 · BN = BUNA-N
 · VT = VITON
- ⑥ VALVE SEAT**
 · TF = TEFLON
 · AL = ALUMINUM
 · SS = SUS 316
 · PP = POLYPROPYLENE
- ⑦ VALVE SEAT O-RING**
 · TF = TEFLON
 · NR = NATURAL RUBBER
 · EP = EPDM
 · VT = VITON
- ⑧ BASE TYPE**
 · C = METAL PUMP
 · P = PP, TEFLON (PTFE) PUMP

AT25AOPK PERFORMANCE CHARTS



PARTS DRAWING OF AT25AOPK (ALUMINUM PUMP)

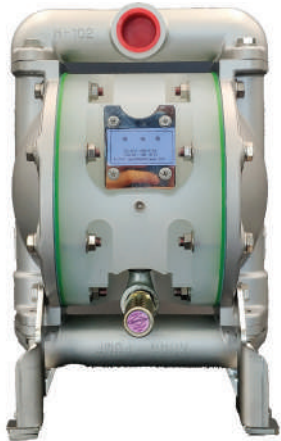


PARTS LIST

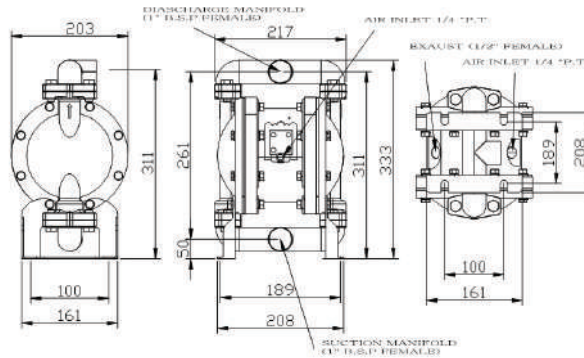
ITEM	DESCRIPTION	ITEM	DESCRIPTION
1	CENTER SECTION	22	MAJOR V/V O-RING(LARGE)
2	SHAFT BUSHING	23	PISTON BUSHING
3	SHAFT BUSHING O-RING	24	PISTON BUSHING O-RING
4	SNAP RING	25	MUFFLER ELBOW
5	PILOT SHAFT CAP	26	MUFFER
6	PILOT CAP BOLT	27	MAIN SHAFT BOLT
7	PILOT SHAFT	28	MAIN SHAFT BOLT WASHER
8	PILOT SHAFT END O-RING	29	INSERT O-RING
9	PILOT O-RING	30	OUTER PLATE
10	PILOT SPACER	31	DIAPHRAGM
11	MAJOR V/V GASKET	32	INNER PLATE
12	MAJOR V/V GASKET	33	MAIN SHAFT
13	MAJOR V/V PLATE	34	SHAFT O-RING
14	MAJOR V/V PLATE BOLT	35	WATER CHAMBER
15	PISTON	36	WATER CHAMBER BOLT
16	U-CUP SEAL	37	VALVE SEAT
17	SPOOL	38	CHECK BALL
18	MAJOR V/V WASHER	40	SEAT O-RING
19	MAJOR V/V SPACER	41	MANIFOLD
20	MAJOR V/V RETAINER	42	MANIFOLD BOLT
21	MAJOR V/V O-RING(SMALL)	43	LEG

KHAN Air Diaphragm Pump AT 25 SPK

1" METAL PUMPS (SUS 316)



AT25SPK DIMENSION DATA



1" METAL PUMPS (SUS 316)

- Max Capacity : 140 LPM
- Port Size : 1" x 1" (BSP) Female
- Air Inlet : 1/4" Female
- Air Exhaust : 1/2" Female
- Dry Suction Lift : 6.1m (Rubber fitted)
- Max. Particle Size : 3.2 mm
- Max. Operating Pressure : 8.3 bar
- Shipping Weights : 13.2kgs

ORDERING MENU

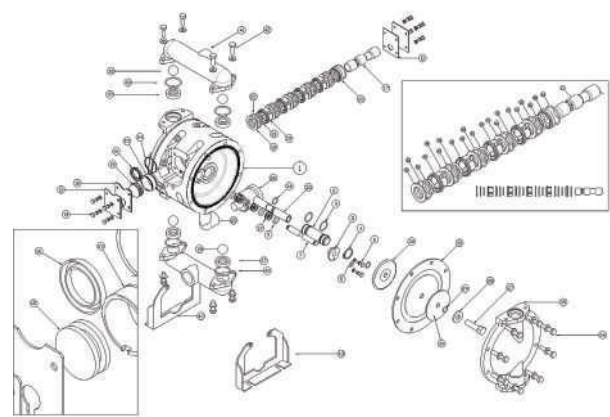
AT25 S PK - XX / XX / XX / XX - X

① ② ③ ④ ⑤ ⑥ ⑦ ⑧

MATERIAL CODE

- ① PUMP SIZE**
- 15 = 15A (1/2")
 - 25 = 25A (1")
 - 40 = 40A (1-1/2")
 - 50 = 50A (2")
- ② HOUSING**
- A = ALUMINUM
 - S = SUS 316
 - AO = ALUMINUM OLD CHAMBER
 - P = POLYPROPYLENE
 - TF = TEFLON
- ③ CENTER SECTION**
- P = POLYPROPYLENE (INTERNAL VALVE TYPE)
 - PK = POLYPROPYLENE (EXTERNAL VALVE TYPE)
- ④ DIAPHRAGM**
- TF = TEFLON
 - BU = BACK-UP
 - NE = NEOPRENE
 - EP = EPDM
- ⑤ CHECK BALL**
- TF = TEFLON
 - SA = SANTOPRENE
 - NE = NEOPRENE
 - EP = EPDM
- ⑥ VALVE SEAT**
- TF = TEFLON
 - AL = ALUMINUM
 - SS = SUS 316
 - PP = POLYPROPYLENE
- ⑦ VALVE SEAT O-RING**
- TF = TEFLON
 - NR = NATURAL RUBBER
 - EP = EPDM
 - VT = VITON
- ⑧ BASE TYPE**
- C = METAL PUMP
 - P = PP, TEFLON (PTFE) PUMP

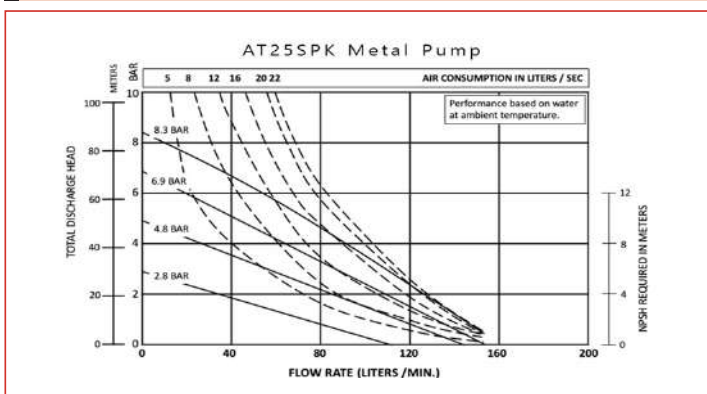
PARTS DRAWING OF AT25SPK(SUS316 PUMP)



PARTS LIST

ITEM	DESCRIPTION	ITEM	DESCRIPTION
1	CENTER SECTION	22	MAJOR V/V O-RING(LARGE)
2	SHAFT BUSHING	23	PISTON BUSHING
3	SHAFT BUSHING O-RING	24	PISTON BUSHING O-RING
4	SNAP RING	25	MUFFLER ELBOW
5	PILOT SHAFT CAP	26	MUFFER
6	PILOT CAP BOLT	27	MAIN SHAFT BOLT
7	PILOT SHAFT	28	MAIN SHAFT BOLT WASHER
8	PILOT SHAFT END O-RING	29	INSERT O-RING
9	PILOT O-RING	30	OUTER PLATE
10	PILOT SPACER	31	DIAPHRAGM
11	MAJOR V/V GASKET	32	INNER PLATE
12	MAJOR V/V GASKET	33	MAIN SHAFT
13	MAJOR V/V PLATE	34	SHAFT O-RING
14	MAJOR V/V PLATE BOLT	35	WATER CHAMBER
15	PISTON	36	WATER CHAMBER BOLT
16	U-CUP SEAL	37	VALVE SEAT
17	SPOOL	38	CHECK BALL
18	MAJOR V/V WASHER	40	SEAT O-RING
19	MAJOR V/V SPACER	41	MANIFOLD
20	MAJOR V/V RETAINER	42	MANIFOLD BOLT
21	MAJOR V/V O-RING(SMALL)	43	LEG

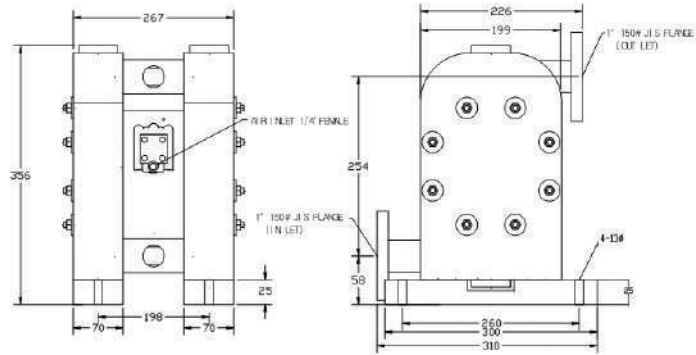
AT25SPK PERFORMANCE CHARTS



1" Non-METAL PUMPS (POLYPROPYLENE)



AT25PPK DIMENSION DATA



1" Non-METAL PUMPS (POLYPROPYLENE)

- Max Capacity : 140 LPM
- Port Size : 1" x 1"(150#) Jis Flange
- Air Inlet : 1/4" Female
- Air Exhaust : 1/2" Female
- Dry Suction Lift : 4.6m (Rubber fitted)
- Max. Particle Size : 3.2 mm
- Max. Operating Pressure : 8.3 bar
- Shipping Weights : 12.3kgs

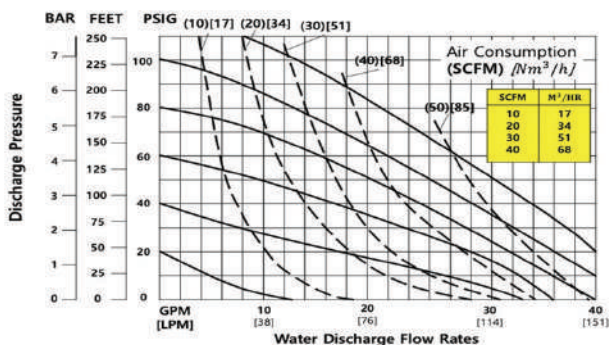
ORDERING MENU

AT25 P PK - XX / XX / XX / XX - X
 ① ② ③ ④ ⑤ ⑥ ⑦ ⑧

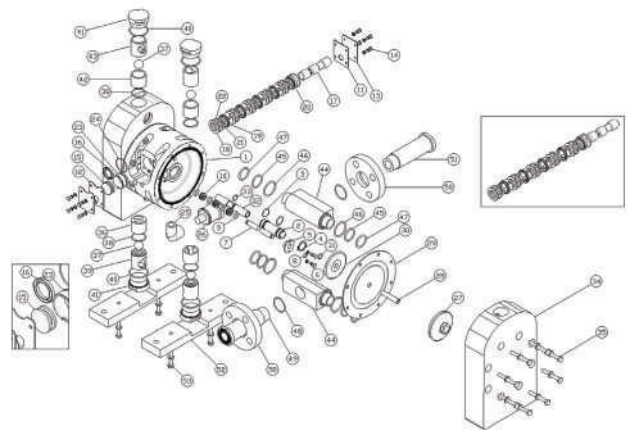
MATERIAL CODE

- ① PUMP SIZE**
 · 15 = 15A (1/2")
 · 25 = 25A (1")
 · 40 = 40A (1-1/2")
 · 50 = 50A (2")
- ② HOUSING**
 · A = ALUMINUM
 · S = SUS 316
 · AO = ALUMINUM OLD CHAMBER
 · P = POLYPROPYLENE
 · TF = TEFLON
- ③ CENTER SECTION**
 · P = POLYPROPYLENE (INTERNAL VALVE TYPE)
 · PK = POLYPROPYLENE (EXTERNAL VALVE TYPE)
- ④ DIAPHRAGM**
 · TF = TEFLON
 · BU = BACK-UP
 · NE = NEOPRENE
 · EP = EPDM
- ⑤ CHECK BALL**
 · TF = TEFLON
 · SA = SANTOPRENE
 · NE = NEOPRENE
 · EP = EPDM
- ⑥ VALVE SEAT**
 · TF = TEFLON
 · AL = ALUMINUM
 · SS = SUS 316
 · PP = POLYPROPYLENE
- ⑦ VALVE SEAT O-RING**
 · TF = TEFLON
 · NR = NATURAL RUBBER
 · EP = EPDM
 · VT = VITON
- ⑧ BASE TYPE**
 · C = METAL PUMP
 · P = PP, TEFLON (PTFE) PUMP

AT25PPK PERFORMANCE CHARTS



PARTS DRAWING OF AT25PPK(POLYPROPYLENE PUMP)



PARTS LIST

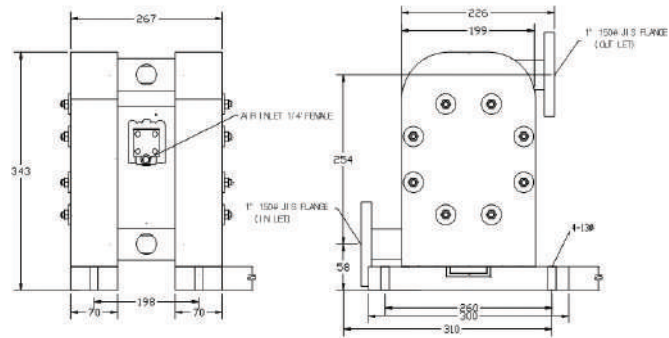
ITEM	DESCRIPTION	ITEM	DESCRIPTION
1	CENTER SECTION	28	OUTER PLATE STUD
2	SHAFT BUSHING	29	DIAPHRAGM
3	SHAFT BUSHING O-RING	30	INNER PLATE
4	SNAP RING	31	INSERT O-RING
5	PILOT SHAFT CAP	32	MAIN SHAFT
6	PILOT CAP BOLT	33	MAIN SHAFT O-RING
7	PILOT SHAFT	34	WATER CHAMBER
8	PILOT SHAFT END O-RING	35	WATER CHAMBER BOLT
9	PILOT O-RING	36	SUCTION BALL STOP
10	PILOT SPACER	37	CHECK BALL
11	MAJOR V/V GASKET	38	SEAT O-RING
12	MAJOR V/V GASKET	39	SUCTION SEAT
13	MAJOR V/V PLATE	40	END CAP O-RING
14	MAJOR V/V PLATE BOLT	41	END CAP
15	PISTON	42	DISCHARGE SEAT
16	U-CUP SEAL	43	DISCHARGE BALL STOP
17	SPOOL	44	MANIFOLD
18	MAJOR V/V WASHER	45	MANIFOLD O-RING(SMALL)
19	MAJOR V/V SPACER	46	MANIFOLD O-RING(LARGE)
20	MAJOR V/V RETAINER	47	MANIFOLD SEALING O-RING
21	MAJOR V/V O-RING(SMALL)	48	FLANGE NIPPLE O-RING
22	MAJOR V/V O-RING(LARGE)	49	SUCTION FLANGE NIPPLE
23	PISTON BUSHING	50	FLANGE
24	PISTON BUSHING O-RING	51	DISCHARGE FLANGE NIPPLE
25	MUFFLER ELBOW	52	BASE
26	MUFFLER	53	BASE BOLT
27	OUTER PLATE	54	

KHAN Air Diaphragm Pump AT 25 TPK

1" Non-METAL PUMPS (PTFE)



AT25TPK DIMENSION DATA



1" Non-METAL PUMPS (PTFE)

- Max Capacity : 140 LPM
- Port Size : 1" x 1"(150#) Jis Flange
- Air Inlet : 1/4" Female
- Air Exhaust : 1/2" Female
- Dry Suction Lift : 6.1m (Rubber fitted)
- Max. Particle Size : 3.2 mm
- Max. Operating Pressure : 8.3 bar
- Shipping Weights : 22kgs

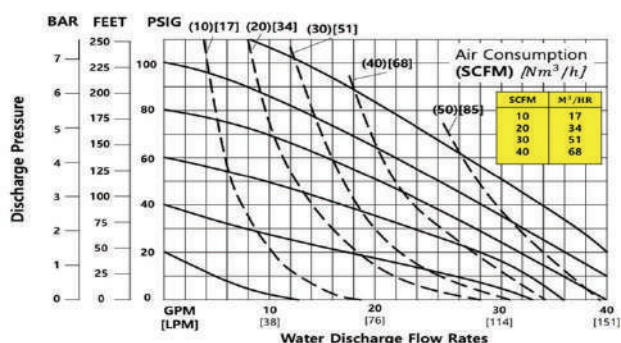
ORDERING MENU

AT25 T PK - XX / XX / XX / XX - X
 ① ② ③ ④ ⑤ ⑥ ⑦ ⑧

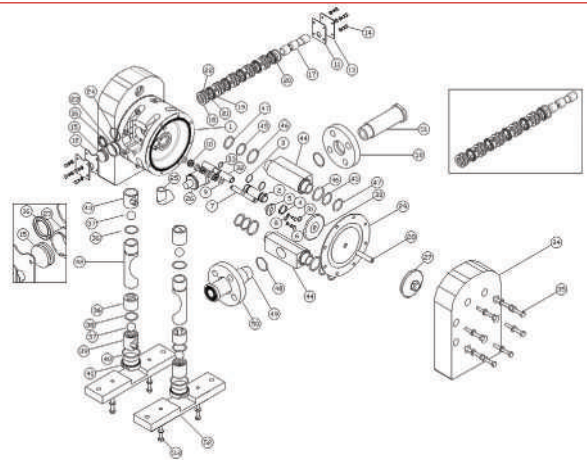
MATERIAL CODE

- ① PUMP SIZE**
 · 15 = 15A (1/2")
 · 25 = 25A(1")
 · 40 = 40A(1-1/2")
 · 50 = 50A(2")
- ② HOUSING**
 · A = ALUMINUM
 · S = SUS 316
 · AO = ALUMINUM OLD CHAMBER
 · P = POLYPROPYLENE
 · TF = TEFLON
- ③ CENTER SECTION**
 · P = POLYPROPYLENE (INTERNAL VALVE TYPE)
 · PK = POLYPROPYLENE (EXTERNAL VALVE TYPE)
- ④ DIAPHRAGM**
 · TF = TEFLON
 · BU = BACK-UP
 · NE = NEOPRENE
 · EP = EPDM
- ⑤ CHECK BALL**
 · TF = TEFLON
 · SA = SANTOPRENE
 · NE = NEOPRENE
 · EP = EPDM
- ⑥ VALVE SEAT**
 · TF = TEFLON
 · AL = ALUMINUM
 · SS = SUS 316
 · PP = POLYPROPYLENE
- ⑦ VALVE SEAT O-RING**
 · TF = TEFLON
 · NR = NATURAL RUBBER
 · EP = EPDM
 · VT = VITON
- ⑧ BASE TYPE**
 · C = METAL PUMP
 · P = PP, TEFLON(PTFE) PUMP

AT25TPK PERFORMANCE CHARTS



PARTS DRAWING OF AT25TPK(TEFLON PUMP)

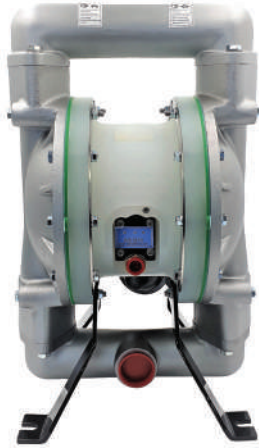


PARTS LIST

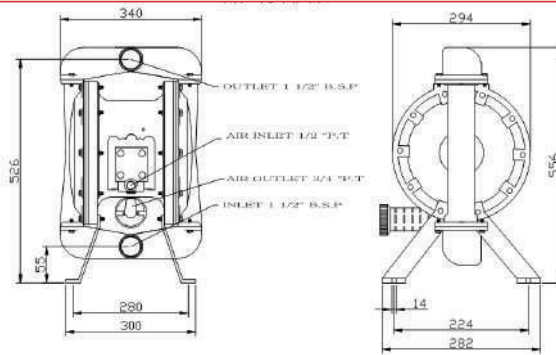
ITEM	DESCRIPTION	ITEM	DESCRIPTION
1	CENTER SECTION	28	OUTER PLATE STUD
2	SHAFT BUSHING	29	DIAPHRAGM
3	SHAFT BUSHING O-RING	30	INNER PLATE
4	SNAP RING	31	INSERT O-RING
5	PILOT SHAFT CAP	32	MAIN SHAFT
6	POLOT CAP BOLT	33	MAIN SHAFT O-RING
7	PILOT SHAFT	34	WATER CHAMBER
8	PILOT SHAFT END O-RING	35	WATER CHAMBER BOLT
9	PILOT O-RING	36	SUCTION BALL STOP
10	PILOT SPACER	37	CHECK BALL
11	MAJOR V/V GASKET	38	SEAT O-RING
12	MAJOR V/V GASKET	39	SUCTION SEAT
13	MAJOR V/V PLATE	40	END CAP O-RING
14	MAJOR V/V PLATE BOLT	41	END CAP
15	PISTON	42	BUSHING SEAT
16	U-CUP SEAL	43	DISCHARGE BALL STOP
17	SPOOL	44	MANIFOLD
18	MAJOR V/V WASHER	45	MANIFOLD O-RING(SMALL)
19	MAJOR V/V SPACER	46	MANIFOLD O-RING(LARGE)
20	MAJOR V/V RETAINER	47	MANIFOLD SEALING O-RING
21	MAJOR V/V O-RING(SMALL)	48	FLANGE NIPPLE O-RING
22	MAJOR V/V O-RING(LARGE)	49	SUCTION FLANGE NIPPLE
23	PISTON BUSHING	50	FLANGE
24	PISTON BUSHING O-RING	51	DISCHARGE FLANGE NIPPLE
25	MUFFLER ELBOW	52	BASE
26	MUFFER	53	BASE BOLT
27	OUTER PLATE	54	

KHAN Air Diaphragm Pump AT 40 APK

1-1/2" METAL PUMPS (ALUMINUM)



AT40APK DIMENSION DATA



1-1/2" METAL PUMPS (ALUMINUM)

- Max Capacity : 400 LPM
- Port Size : 1-1/2"x1-1/2" (BSP) Female
- Air Inlet : 1/2" Female
- Air Exhaust : 3/4" Female
- Dry Suction Lift : 5.8m (Rubber fitted)
- Max. Particle Size : 6.4 mm
- Max. Operating Pressure : 8.3 bar
- Shipping Weights : 24kgs

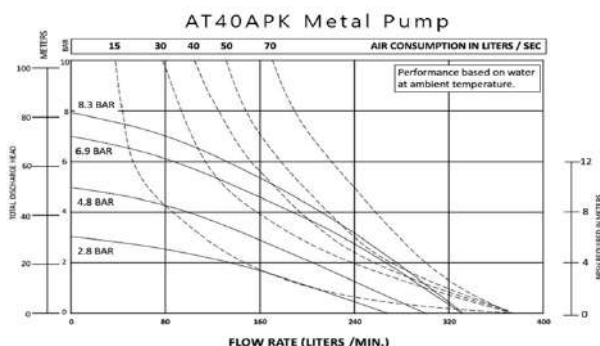
ORDERING MENU

AT40 A PK - XX / XX / XX / XX - X
 ① ② ③ ④ ⑤ ⑥ ⑦ ⑧

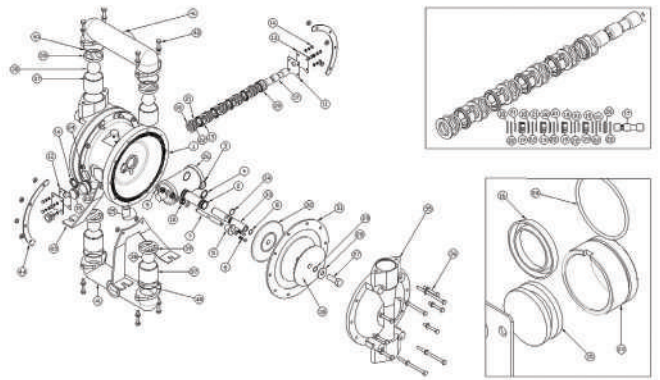
MATERIAL CODE

- ① **PUMP SIZE**
 · 15 = 15A (1/2")
 · 25 = 25A (1")
 · 40 = 40A (1-1/2")
 · 50 = 50A (2")
- ② **HOUSING**
 · A = ALUMINUM
 · S = SUS 316
 · AO = ALUMINUM OLD CHAMBER
 · P = POLYPROPYLENE
 · TF = TEFLON
- ③ **CENTER SECTION**
 · P = POLYPROPYLENE (INTERNAL VALVE TYPE)
 · PK = POLYPROPYLENE (EXTERNAL VALVE TYPE)
- ④ **DIAPHRAGM**
 · TF = TEFLON
 · BU = BACK-UP
 · NE = NEOPRENE
 · EP = EPDM
- ⑤ **CHECK BALL**
 · TF = TEFLON
 · SA = SANTOPRENE
 · NE = NEOPRENE
 · EP = EPDM
- ⑥ **VALVE SEAT**
 · TF = TEFLON
 · AL = ALUMINUM
 · SS = SUS 316
 · PP = POLYPROPYLENE
- ⑦ **VALVE SEAT O-RING**
 · TF = TEFLON
 · NR = NATURAL RUBBER
 · EP = EPDM
 · VT = VITON
- ⑧ **BASE TYPE**
 · C = METAL PUMP
 · P = POLYPROPYLENE PUMP

AT40APK PERFORMANCE CHARTS



PARTS DRAWING OF AT40APK (ALUMINUM PUMP)



PARTS LIST

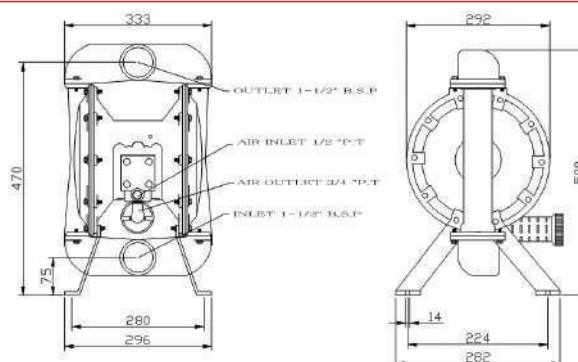
ITEM	DESCRIPTION	ITEM	DESCRIPTION
1	CENTER SECTION	23	PISTON BUSHING
2	SHAFT BUSHING	24	PISTON BUSHING O-RING
3	SHAFT BUSHING O-RING	25	MUFFLER ELBOW
4	SNAP RING	26	MUFFER
5	PILOT SHAFT CAP	27	MAIN SHAFT BOLT
6	POLOT CAP BOLT	28	MAIN SHAFT BOLT WASHER
7	PILOT SHAFT	29	INSERT O-RING
8	PILOT SHAFT END O-RING	30	OUTER PLATE
9	PILOT O-RING	31	DIAPHRAGM
10	PILOT SPACER	32	INNER PLATE
11	MAJOR V/V GASKET	33	MAIN SHAFT
12	MAJOR V/V GASKET	34	SHAFT O-RING
13	MAJOR V/V PLATE	35	WATER CHAMBER
14	MAJOR V/V PLATE BOLT	36	WATER CHAMBER BOLT
15	PISTON	37	VALVE SEAT
16	U-CUP SEAL	38	CHECK BALL
17	SPOOL	39	BALL STOP
18	MAJOR V/V WASHER	40	SEAT O-RING
19	MAJOR V/V SPACER	41	MANIFOLD
20	MAJOR V/V RETAINER	42	MANIFOLD BOLT
21	MAJOR V/V O-RING(SMALL)	43	LEG
22	MAJOR V/V O-RING(LARGE)	44	LINER (TEFLON D/P FITTED)

KHAN Air Diaphragm Pump AT 40 AOPK

1-1/2" METAL PUMPS (ALUMINUM OLD CHAMBER)



AT40AOPK DIMENSION DATA



1-1/2" METAL PUMPS (ALUMINUM OLD CHAMBER)

- Max Capacity : 400 LPM
- Port Size : 1-1/2"x1-1/2" (BSP) Female
- Air Inlet : 1/2" Female
- Air Exhaust : 3/4" Female
- Dry Suction Lift : 5.8m (Rubber fitted)
- Max. Particle Size : 6.4 mm
- Max. Operating Pressure : 8.3 bar
- Shipping Weights : 18.2kgs

ORDERING MENU

AT40 AO PK - XX / XX / XX / XX - X

① ② ③ ④ ⑤ ⑥ ⑦ ⑧

MATERIAL CODE

① PUMP SIZE

- 15 = 15A (1/2")
- 25 = 25A (1")
- 40 = 40A (1-1/2")
- 50 = 50A (2")

② HOUSING

- A = ALUMINUM
- S = SUS 316
- AO = ALUMINUM OLD CHAMBER
- P = POLYPROPYLENE
- TF = TEFLON

③ CENTER SECTION

- P = POLYPROPYLENE (INTERNAL VALVE TYPE)
- PK = POLYPROPYLENE (EXTERNAL VALVE TYPE)

④ DIAPHRAGM

- TF = TEFLON
- BU = BACK-UP
- NE = NEOPRENE
- EP = EPDM
- SA = SANTOPRENE
- BN = BUNA-N
- VT = VITON

⑤ CHECK BALL

- TF = TEFLON
- SA = SANTOPRENE
- NE = NEOPRENE
- EP = EPDM
- BN = BUNA-N
- VT = VITON

⑥ VALVE SEAT

- TF = TEFLON
- AL = ALUMINUM
- SS = SUS 316
- PP = POLYPROPYLENE

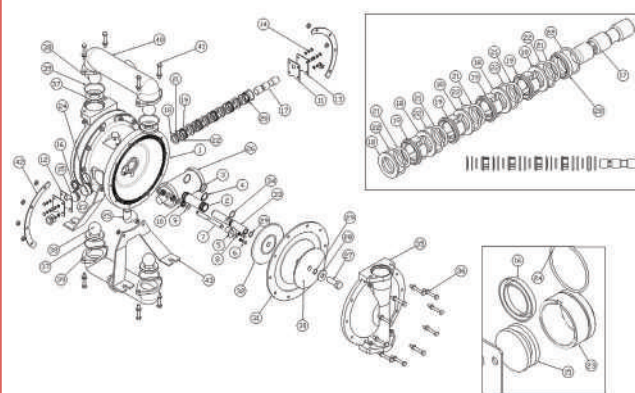
⑦ VALVE SEAT O-RING

- TF = TEFLON
- NR = NATURAL RUBBER
- EP = EPDM
- VT = VITON

⑧ BASE TYPE

- C = METAL PUMP
- P = POLYPROPYLENE PUMP

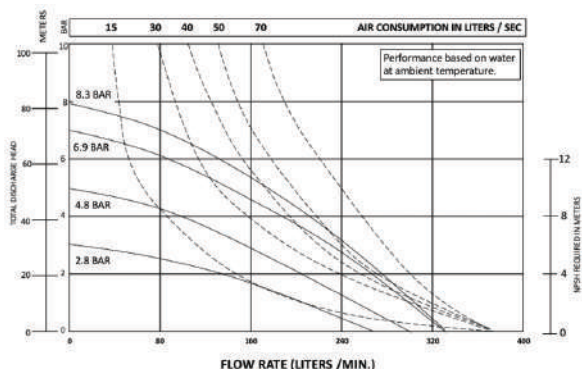
PARTS DRAWING OF AT40AOPK(ALUMINUM PUMP)



PARTS LIST

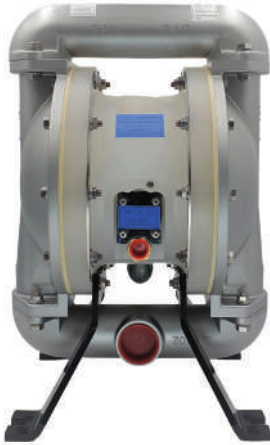
ITEM	DESCRIPTION	ITEM	DESCRIPTION
1	CENTER SECTION	23	PISTON BUSHING
2	SHAFT BUSHING	24	PISTON BUSHING O-RING
3	SHAFT BUSHING O-RING	25	MUFFLER ELBOW
4	SNAP RING	26	MUFFLER
5	PILOT SHAFT CAP	27	MAIN SHAFT BOLT
6	PILOT CAP BOLT	28	MAIN SHAFT BOLT WASHER
7	PILOT SHAFT	29	INSERT O-RING
8	PILOT SHAFT END O-RING	30	OUTER PLATE
9	PILOT O-RING	31	DIAPHRAGM
10	PILOT SPACER	32	INNER PLATE
11	MAJOR V/V GASKET	33	MAIN SHAFT
12	MAJOR V/V GASKET	34	SHAFT O-RING
13	MAJOR V/V PLATE	35	WATER CHAMBER
14	MAJOR V/V PLATE BOLT	36	WATER CHAMBER BOLT
15	PISTON	37	VALVE SEAT
16	U-CUP SEAL	38	CHECK BALL
17	SPOOL	39	SEAT O-RING
18	MAJOR V/V WASHER	40	MANIFOLD
19	MAJOR V/V SPACER	41	MANIFOLD BOLT
20	MAJOR V/V RETAINER	42	LINER (TEFLON D/P FITTED)
21	MAJOR V/V O-RING(SMALL)	43	LEG
22	MAJOR V/V O-RING(LARGE)		

AT40AOPK PERFORMANCE CHARTS

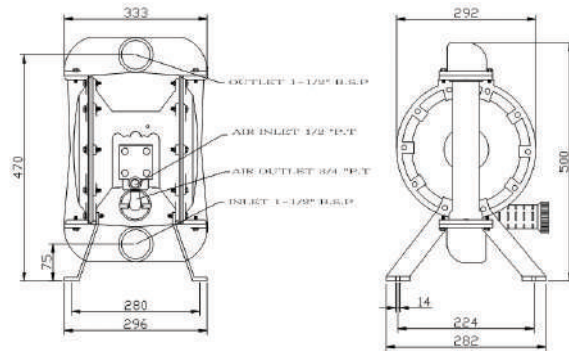


KHAN Air Diaphragm Pump AT 40 SPK

1-1/2" METAL PUMPS (SUS 316)



AT40SPK DIMENSION DATA



1-1/2" METAL PUMPS (SUS 316)

- Max Capacity : 400 LPM
- Port Size : 1-1/2"x1-1/2" (BSP) Female
- Air Inlet : 1/2" Female
- Air Exhaust : 3/4" Female
- Dry Suction Lift : 5.8m (Rubber fitted)
- Max. Particle Size : 6.4 mm
- Max. Operating Pressure : 8.3 bar
- Shipping Weights : 34.3kgs

ORDERING MENU

AT40 S PK - XX / XX / XX / XX - X

① ② ③ ④ ⑤ ⑥ ⑦ ⑧

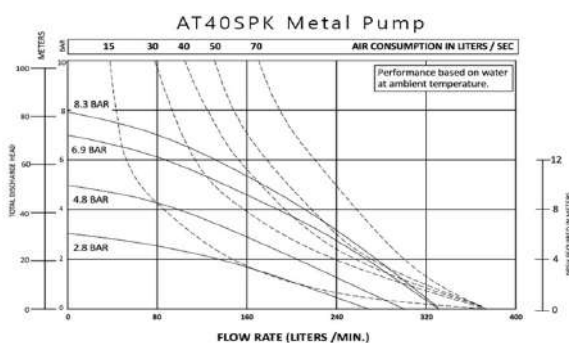
MATERIAL CODE

- ① PUMP SIZE**
- 15 = 15A (1/2")
 - 25 = 25A (1")
 - 40 = 40A (1-1/2")
 - 50 = 50A (2")
- ② HOUSING**
- A = ALUMINUM
 - S = SUS 316
 - AO = ALUMINUM OLD CHAMBER
 - P = POLYPROPYLENE
- ③ CENTER SECTION**
- P = POLYPROPYLENE (INTERNAL VALVE TYPE)
 - PK = POLYPROPYLENE (EXTERNAL VALVE TYPE)
- ④ DIAPHRAGM**
- TF = TEFLON
 - BU = BACK-UP
 - NE = NEOPRENE
 - EP = EPDM
 - SA = SANTOPRENE
 - BN = BUNA-N
 - VT = VITON
- ⑤ CHECK BALL**
- TF = TEFLON
 - SA = SANTOPRENE
 - NE = NEOPRENE
 - EP = EPDM
 - BN = BUNA-N
 - VT = VITON
- ⑥ VALVE SEAT**
- TF = TEFLON
 - AL = ALUMINUM
 - SS = SUS 316
 - PP = POLYPROPYLENE
- ⑦ VALVE SEAT O-RING**
- TF = TEFLON
 - NR = NATURAL RUBBER
 - EP = EPDM
 - VT = VITON
- ⑧ BASE TYPE**
- C = METAL PUMP
 - P = POLYPROPYLENE

PARTS LIST

ITEM	DESCRIPTION	ITEM	DESCRIPTION
1	CENTER SECTION	23	PISTON BUSHING
2	SHAFT BUSHING	24	PISTON BUSHING O-RING
3	SHAFT BUSHING O-RING	25	MUFFLER ELBOW
4	SNAP RING	26	MUFFLER
5	PILOT SHAFT CAP	27	MAIN SHAFT BOLT
6	POLOT CAP BOLT	28	MAIN SHAFT BOLT WASHER
7	PILOT SHAFT	29	INSERT O-RING
8	PILOT SHAFT END O-RING	30	OUTER PLATE
9	PILOT O-RING	31	DIAPHRAGM
10	PILOT SPACER	32	INNER PLATE
11	MAJOR V/V GASKET	33	MAIN SHAFT
12	MAJOR V/V GASKET	34	SHAFT O-RING
13	MAJOR V/V PLATE	35	WATER CHAMBER
14	MAJOR V/V PLATE BOLT	36	WATER CHAMBER BOLT
15	PISTON	37	VALVE SEAT
16	U-CUP SEAL	38	CHECK BALL
17	SPOOL	39	SEAT O-RING
18	MAJOR V/V WASHER	40	MANIFOLD
19	MAJOR V/V SPACER	41	MANIFOLD BOLT
20	MAJOR V/V RETAINER	42	LINER
21	MAJOR V/V O-RING(SMALL)	43	LEG
22	MAJOR V/V O-RING(LARGE)		

AT40SPK PERFORMANCE CHARTS

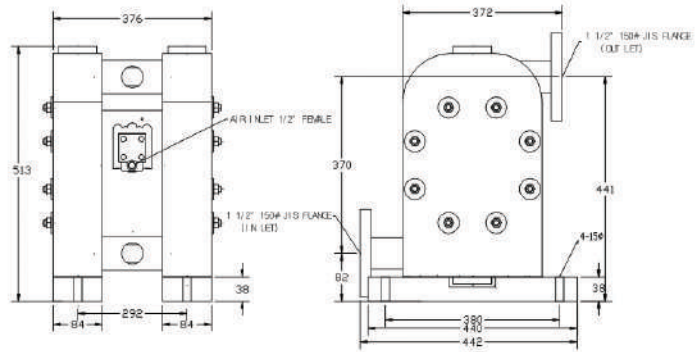


KHAN Air Diaphragm Pump AT 40 PPK

1-1/2" Non-METAL PUMPS (POLYPROPYLENE)



AT40PPK DIMENSION DATA



1-1/2" Non-METAL PUMPS (POLYPROPYLENE)

- Max Capacity : 400 LPM
- Port Size : 1-1/2"x1-1/2" (150#)Jis Flange
- Air Inlet : 1/2" Female
- Air Exhaust : 3/4" Female
- Dry Suction Lift : 4.3m (Rubber fitted)
- Max. Particle Size : 6.2 mm
- Max. Operating Pressure : 8.3 bar
- Shipping Weights : 30.9kgs

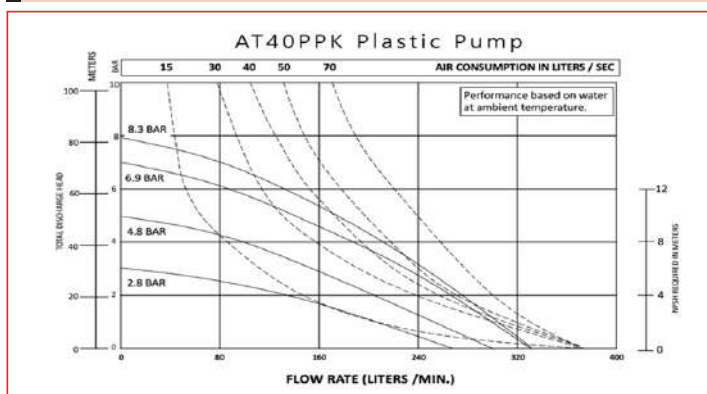
ORDERING MENU

AT40 P PK - XX / XX / XX / XX - X
 ① ② ③ ④ ⑤ ⑥ ⑦ ⑧

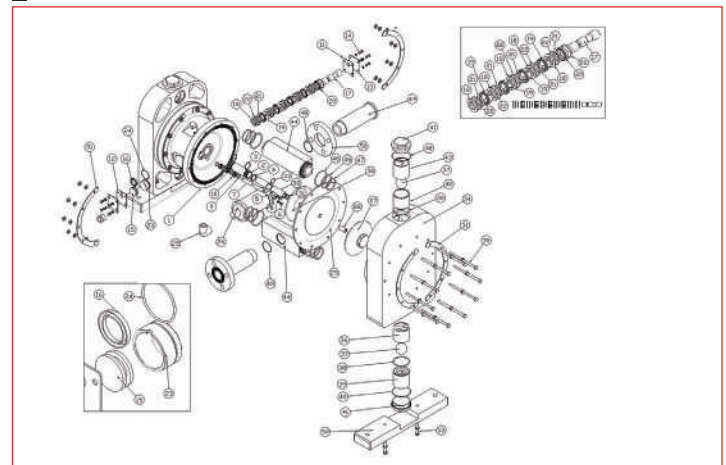
MATERIAL CODE

- ① **PUMP SIZE**
 · 15 = 15A (1/2")
 · 25 = 25A (1")
 · 40 = 40A (1-1/2")
 · 50 = 50A (2")
- ② **HOUSING**
 · A = ALUMINUM
 · S = SUS 316
 · AO = ALUMINUM OLD CHAMBER
 · P = POLYPROPYLENE
 · TF = TEFLON
- ③ **CENTER SECTION**
 · P = POLYPROPYLENE (INTERNAL VALVE TYPE)
 · PK = POLYPROPYLENE (EXTERNAL VALVE TYPE)
- ④ **DIAPHRAGM**
 · TF = TEFLON
 · BU = BACK-UP
 · NE = NEOPRENE
 · EP = EPDM
- ⑤ **CHECK BALL**
 · TF = TEFLON
 · SA = SANTOPRENE
 · NE = NEOPRENE
 · EP = EPDM
- ⑥ **VALVE SEAT**
 · TF = TEFLON
 · AL = ALUMINUM
 · SS = SUS 316
 · PP = POLYPROPYLENE
- ⑦ **VALVE SEAT O-RING**
 · TF = TEFLON
 · NR = NATURAL RUBBER
 · EP = EPDM
 · VT = VITON
- ⑧ **BASE TYPE**
 · C = METAL PUMP
 · P = POLYPROPYLENE PUMP

AT40PPK PERFORMANCE CHARTS



PARTS DRAWING OF AT40PPK(POLYPROPYLENE PUMP)



PARTS LIST

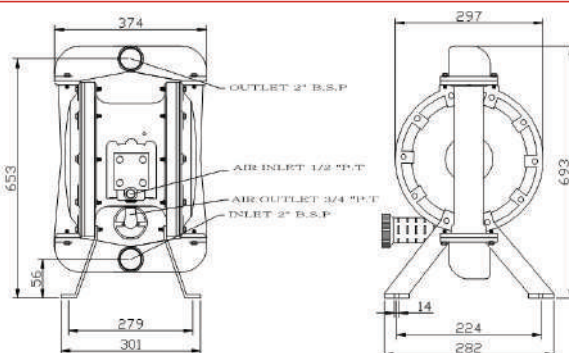
ITEM	DESCRIPTION	ITEM	DESCRIPTION
1	CENTER SECTION	28	OUTER PLATE STUD
2	SHAFT BUSHING	29	DIAPHRAGM
3	SHAFT BUSHING O-RING	30	INNER PLATE
4	SNAP RING	31	INSERT O-RING
5	PILOT SHAFT CAP	32	MAIN SHAFT
6	POLOT CAP BOLT	33	MAIN SHAFT O-RING
7	PILOT SHAFT	34	WATER CHAMBER
8	PILOT SHAFT END O-RING	35	WATER CHAMBER BOLT
9	PILOT O-RING	36	SUCTION BALL STOP
10	PILOT SPACER	37	CHECK BALL
11	MAJOR V/V GASKET	38	SEAT O-RING
12	MAJOR V/V GASKET	39	SUCTION SEAT
13	MAJOR V/V PLATE	40	END CAP O-RING
14	MAJOR V/V PLATE BOLT	41	END CAP
15	PISTON	42	DISCHARGE SEAT
16	U-CUP SEAL	43	DISCHARGE BALL STOP
17	SPOOL	44	MANIFOLD
18	MAJOR V/V WASHER	45	MANIFOLD O-RING(SMALL)
19	MAJOR V/V SPACER	46	MANIFOLD O-RING(LARGE)
20	MAJOR V/V RETAINER	47	MANIFOLD SEALING O-RING
21	MAJOR V/V O-RING(SMALL)	48	FLANGE NIPPLE O-RING
22	MAJOR V/V O-RING(LARGE)	49	FLANGE NIPPLE
23	PISTON BUSHING	50	FLANGE
24	PISTON BUSHING O-RING	51	LINER
25	MUFFLER ELBOW	52	BASE
26	MUFFER	53	BASE BOLT
27	OUTER PLATE	54	

KHAN Air Diaphragm Pump AT 50 APK

2" METAL PUMPS (ALUMINUM)



AT50APK DIMENSION DATA



2" METAL PUMPS (ALUMINUM)

- Max Capacity : 550 LPM
- Port Size : 2" x 2" (BSP) Female Port
- Air Inlet : 1/2" Female
- Air Exhaust : 3/4" Female
- Dry Suction Lift : 5.4m (Rubber fitted)
- Max. Particle Size : 7.2 mm
- Max. Operating Pressure : 8.3 bar
- Shipping Weights : 29.6kgs

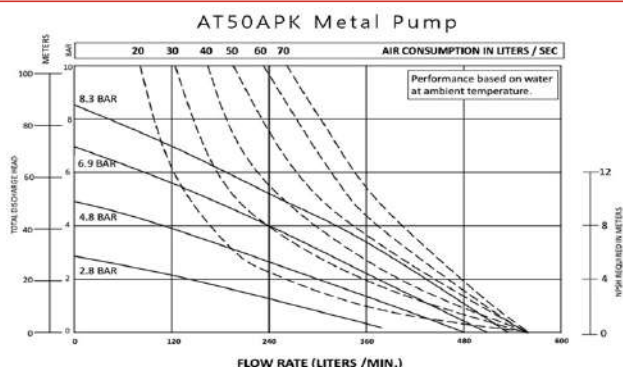
ORDERING MENU

AT50 A PK - XX / XX / XX / XX - X
 ① ② ③ ④ ⑤ ⑥ ⑦ ⑧

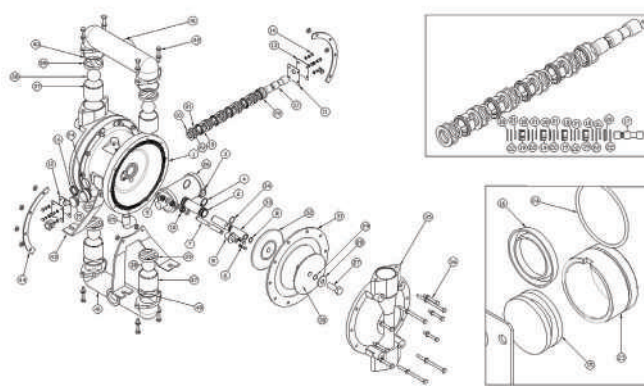
MATERIAL CODE

- ① PUMP SIZE**
 · 15 = 15A (1/2")
 · 25 = 25A (1")
 · 40 = 40A (1-1/2")
 · 50 = 50A (2")
- ② HOUSING**
 · A = ALUMINUM
 · S = SUS 316
 · AO = ALUMINUM OLD CHAMBER
 · P = POLYPROPYLENE
 · TF = TEFLON
- ③ CENTER SECTION**
 · P = POLYPROPYLENE (INTERNAL VALVE TYPE)
 · PK = POLYPROPYLENE (EXTERNAL VALVE TYPE)
- ④ DIAPHRAGM**
 · TF = TEFLON
 · BU = BACK-UP
 · NE = NEOPRENE
 · EP = EPDM
- ⑤ CHECK BALL**
 · TF = TEFLON
 · SA = SANTOPRENE
 · NE = NEOPRENE
 · EP = EPDM
- ⑥ VALVE SEAT**
 · TF = TEFLON
 · AL = ALUMINUM
 · SS = SUS 316
 · PP = POLYPROPYLENE
- ⑦ VALVE SEAT O-RING**
 · TF = TEFLON
 · NR = NATURAL RUBBER
 · EP = EPDM
 · VT = VITON
- ⑧ BASE TYPE**
 · C = METAL PUMP
 · P = POLYPROPYLENE PUMP

AT50APK PERFORMANCE CHARTS



PARTS DRAWING OF AT50APK (ALUMINUM PUMP)



PARTS LIST

ITEM	DESCRIPTION	ITEM	DESCRIPTION
1	CENTER SECTION	23	PISTON BUSHING
2	SHAFT BUSHING	24	PISTON BUSHING O-RING
3	SHAFT BUSHING O-RING	25	MUFFLER ELBOW
4	SNAP RING	26	MUFFER
5	PILOT SHAFT CAP	27	MAIN SHAFT BOLT
6	PILOT CAP BOLT	28	MAIN SHAFT BOLT WASHER
7	PILOT SHAFT	29	INSERT O-RING
8	PILOT SHAFT END O-RING	30	OUTER PLATE
9	PILOT O-RING	31	DIAPHRAGM
10	PILOT SPACER	32	INNER PLATE
11	MAJOR V/V GASKET	33	MAIN SHAFT
12	MAJOR V/V GASKET	34	SHAFT O-RING
13	MAJOR V/V PLATE	35	WATER CHAMBER
14	MAJOR V/V PLATE BOLT	36	WATER CHAMBER BOLT
15	PISTON	37	VALVE SEAT
16	U-CUP SEAL	38	CHECK BALL
17	SPOOL	39	BALL STOP
18	MAJOR V/V WASHER	40	SEAT O-RING
19	MAJOR V/V SPACER	41	MANIFOLD
20	MAJOR V/V RETAINER	42	MANIFOLD BOLT
21	MAJOR V/V O-RING (SMALL)	43	LEG
22	MAJOR V/V O-RING (LARGE)	44	LINER (TEFLON D/P FITTED)

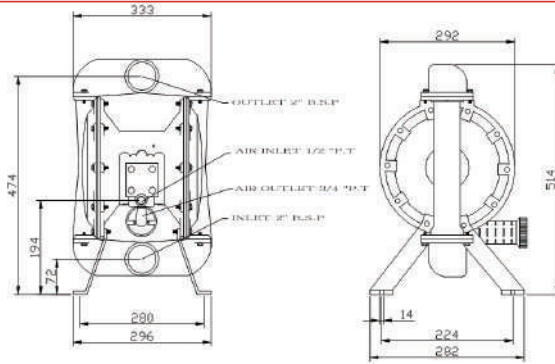
KHAN Air Diaphragm Pump

AT 50 SPK

2" METAL PUMPS (SUS 316)



AT50SPK DIMENSION DATA



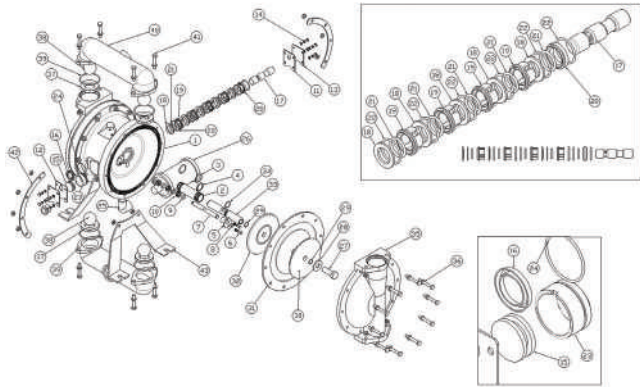
2" METAL PUMPS (SUS 316)

- Max Capacity : 550 LPM
- Port Size : 2" x 2"(BSP) Female Port
- Air Inlet : 1/2" Female
- Air Exhaust : 3/4" Female
- Dry Suction Lift : 6.1m (Rubber fitted)
- Max. Particle Size : 6.2 mm
- Max. Operating Pressure : 8.3 bar
- Shipping Weights : 38.4kgs

ORDERING MENU

AT50 S PK - XX / XX / XX / XX - X
① ② ③ ④ ⑤ ⑥ ⑦ ⑧

PARTS DRAWING OF AT50SPK(SUS316 PUMP)



MATERIAL CODE

- ① PUMP SIZE

 - 15 = 15A (1/2")
 - 25 = 25A (1")
 - 40 = 40A (1-1/2")
 - 50 = 50A (2")
- ② HOUSING

 - A = ALUMINUM
 - S = SUS 316
 - AO = ALUMINUM OLD CHAMBER
 - P = POLYPROPYLENE
 - TF = TEFLON
- ③ CENTER SECTION

 - P = POLYPROPYLENE (INTERNAL VALVE TYPE)
 - PK = POLYPROPYLENE (EXTERNAL VALVE TYPE)
- ④ DIAPHRAGM

 - TF = TEFLON
 - BU = BACK-UP
 - NE = NEOPRENE
 - EP = EPDM
- ⑤ CHECK BALL

 - TF = TEFLON
 - SA = SANTOPRENE
 - NE = NEOPRENE
 - EP = EPDM
- ⑥ VALVE SEAT

 - TF = TEFLON
 - AL = ALUMINUM
 - SS = SUS 316
 - PP = POLYPROPYLENE
- ⑦ VALVE SEAT O-RING

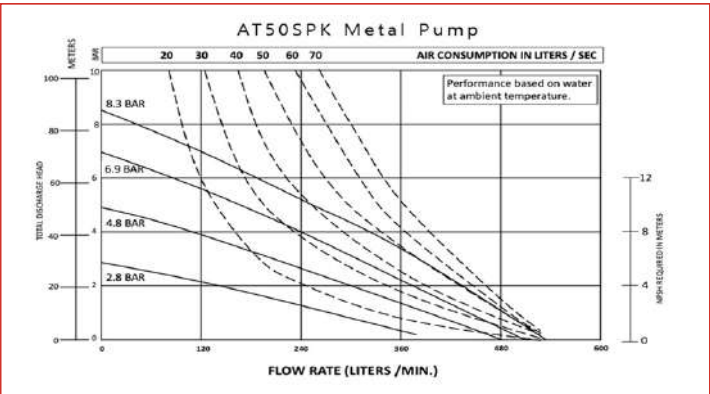
 - TF = TEFLON
 - NR = NATURAL RUBBER
 - EP = EPDM
 - VT = VITON
- ⑧ BASE TYPE

 - C = METAL PUMP
 - P = POLYPROPYLENE PUMP

PARTS LIST

ITEM	DESCRIPTION	ITEM	DESCRIPTION
1	CENTER SECTION	23	PISTON BUSHING
2	SHAFT BUSHING	24	PISTON BUSHING O-RING
3	SHAFT BUSHING O-RING	25	MUFFLER ELBOW
4	SNAP RING	26	MUFFLER
5	PILOT SHAFT CAP	27	MAIN SHAFT BOLT
6	POLOT CAP BOLT	28	MAIN SHAFT BOLT WASHER
7	PILOT SHAFT	29	INSERT O-RING
8	PILOT SHAFT END O-RING	30	OUTER PLATE
9	PILOT O-RING	31	DIAPHRAGM
10	PILOT SPACER	32	INNER PLATE
11	MAJOR V/V GASKET	33	MAIN SHAFT
12	MAJOR V/V GASKET	34	SHAFT O-RING
13	MAJOR V/V PLATE	35	WATER CHAMBER
14	MAJOR V/V PLATE BOLT	36	WATER CHAMBER BOLT
15	PISTON	37	VALVE SEAT
16	U-CUP SEAL	38	CHECK BALL
17	SPOOL	39	SEAT O-RING
18	MAJOR V/V WASHER	40	MANIFOLD
19	MAJOR V/V SPACER	41	MANIFOLD BOLT
20	MAJOR V/V RETAINER	42	LINER
21	MAJOR V/V O-RING(SMALL)	43	LEG
22	MAJOR V/V O-RING(LARGE)		

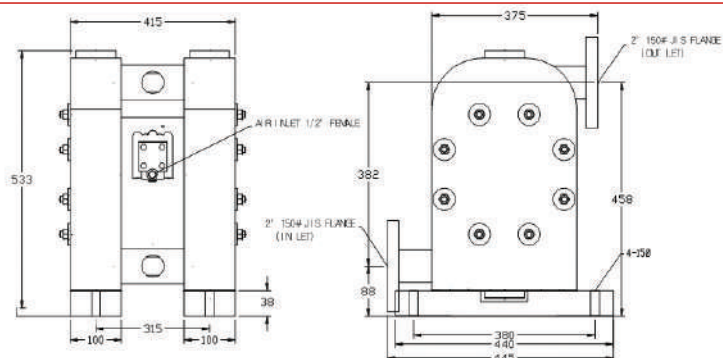
AT50SPK PERFORMANCE CHARTS



2" Non-METAL PUMPS (POLYPROPYLENE)



AT50PPK DIMENSION DATA



2" Non-METAL PUMPS (POLYPROPYLENE)

- Max Capacity : 550 LPM
- Port Size : 2" x 2"(150#) Jis Flange
- Air Inlet : 1/2" Female
- Air Exhaust : 3/4" Female
- Dry Suction Lift : 5.4m (Rubber fitted)
- Max. Particle Size : 7.2 mm
- Max. Operating Pressure : 8.3 bar
- Shipping Weights : 36.2kg

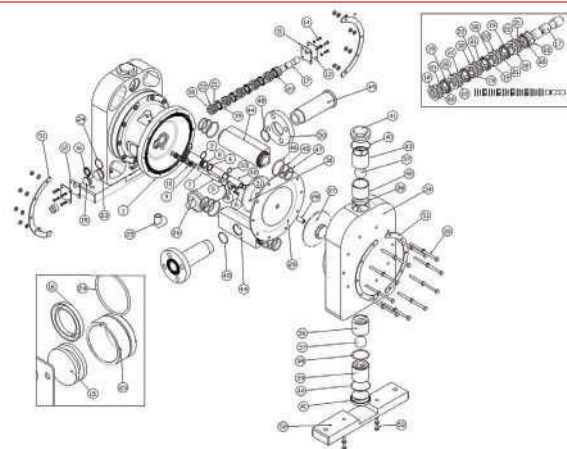
ORDERING MENU

AT50 P PK - XX / XX / XX / XX - X
 ① ② ③ ④ ⑤ ⑥ ⑦ ⑧

MATERIAL CODE

- ① PUMP SIZE**
- 15 = 15A (1/2")
 - 25 = 25A(1")
 - 40 = 40A(1-1/2")
 - 50 = 50A(2")
- ② HOUSING**
- A = ALUMINUM
 - S = SUS 316
 - AO = ALUMINUM OLD CHAMBER
 - P = POLYPROPYLENE
- ③ CENTER SECTION**
- P = POLYPROPYLENE (INTERNAL VALVE TYPE)
 - PK = POLYPROPYLENE (EXTERNAL VALVE TYPE)
- ④ DIAPHRAGM**
- TF = TEFLON
 - BU = BACK-UP
 - NE = NEOPRENE
 - EP = EPDM
- ⑤ CHECK BALL**
- TF = TEFLON
 - SA = SANTOPRENE
 - VT = VITON
 - BN = BUNA-N
 - VT = VITON
 - EP = EPDM
- ⑥ VALVE SEAT**
- TF = TEFLON
 - AL = ALUMINUM
 - SS = SUS 316
 - PP = POLYPROPYLENE
- ⑦ VALVE SEAT O-RING**
- TF = TEFLON
 - NR = NATURAL RUBBER
 - EP = EPDM
 - VT = VITON
- ⑧ BASE TYPE**
- C = METAL PUMP
 - P = POLYPROPYLENE PUMP

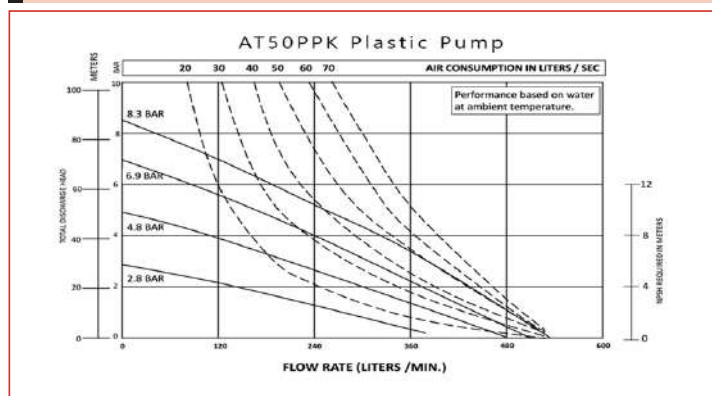
PARTS DRAWING OF AT50PPK(POLYPROPYLENE PUMP)



PARTS LIST

ITEM	DESCRIPTION	ITEM	DESCRIPTION
1	CENTER SECTION	28	OUTER PLATE STUD
2	SHAFT BUSHING	29	DIAPHRAGM
3	SHAFT BUSHING O-RING	30	INNER PLATE
4	SNAP RING	31	INSERT O-RING
5	PILOT SHAFT CAP	32	MAIN SHAFT
6	PILOT CAP BOLT	33	MAIN SHAFT O-RING
7	PILOT SHAFT	34	WATER CHAMBER
8	PILOT SHAFT END O-RING	35	WATER CHAMBER BOLT
9	PILOT O-RING	36	SUCTION BALL STOP
10	PILOT SPACER	37	CHECK BALL
11	MAJOR V/V GASKET	38	SEAT O-RING
12	MAJOR V/V GASKET	39	SUCTION SEAT
13	MAJOR V/V PLATE	40	END CAP O-RING
14	MAJOR V/V PLATE BOLT	41	END CAP
15	PISTON	42	DISCHARGE SEAT
16	U-CUP SEAL	43	DISCHARGE BALL STOP
17	SPOOL	44	MANIFOLD
18	MAJOR V/V WASHER	45	MANIFOLD O-RING(SMALL)
19	MAJOR V/V SPACER	46	MANIFOLD O-RING(LARGE)
20	MAJOR V/V RETAINER	47	MANIFOLD SEALING O-RING
21	MAJOR V/V O-RING(SMALL)	48	FLANGE NIPPLE O-RING
22	MAJOR V/V O-RING(LARGE)	49	SUCTION FLANGE NIPPLE
23	PISTON BUSHING	50	FLANGE
24	PISTON BUSHING O-RING	51	LINER
25	MUFFLER ELBOW	52	BASE
26	MUFFER	53	BASE BOLT
27	OUTER PLATE	54	

AT50PPK PERFORMANCE CHARTS

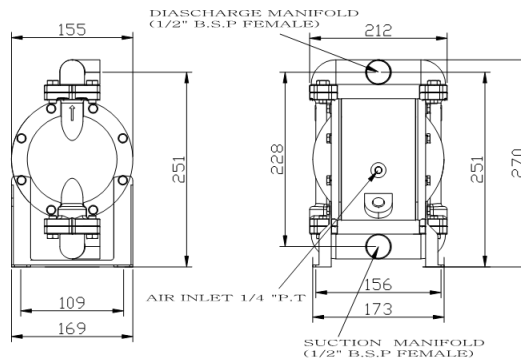


KHAN Air Diaphragm Pump AT 15 AP

1/2" METAL PUMPS (ALUMINUM)



AT15AP DIMENSION DATA



1/2" METAL PUMPS (ALUMINUM)

- Max Capacity : 50 LPM
- Port Size : 1/2" x 1/2"(BSP) Female
- Air Inlet : 1/4" Female
- Air Exhaust : 1/2" Female
- Dry Suction Lift : 3m (Rubber fitted)
- Max. Particle Size : 2.4 mm
- Max. Operating Pressure : 6.9 bar
- Shipping Weights : 6.3kgs

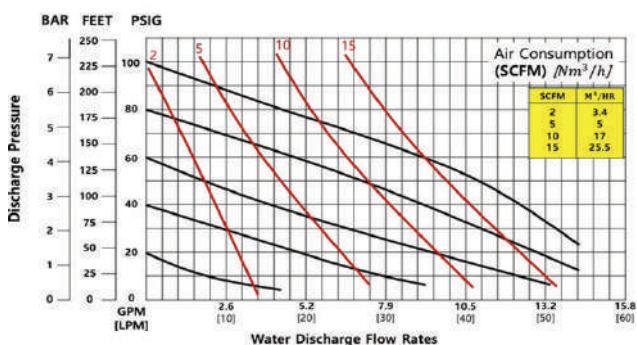
ORDERING MENU

AT15 A P - XX / XX / XX / XX - X
 ① ② ③ ④ ⑤ ⑥ ⑦ ⑧

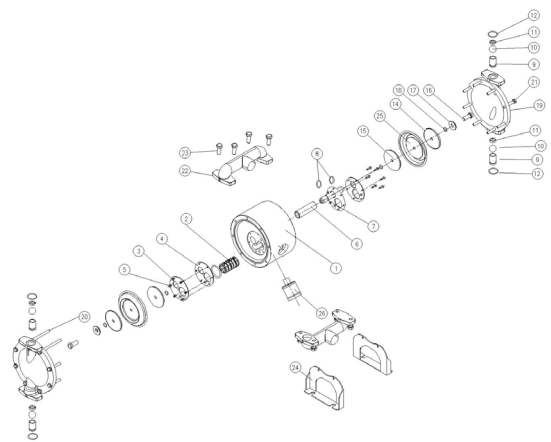
MATERIAL CODE

- ① PUMP SIZE**
 · 15 = 15A (1/2")
 · 25 = 25A (1")
 · 40 = 40A (1-1/2")
 · 50 = 50A (2")
- ② HOUSING**
 · A = ALUMINUM
 · S = SUS 316
 · AO = ALUMINUM OLD CHAMBER
 · P = POLYPROPYLENE
 · TF = TEFLON
- ③ CENTER SECTION**
 · P = POLYPROPYLENE (INTERNAL VALVE TYPE)
 · PK = POLYPROPYLENE (EXTERNAL VALVE TYPE)
- ④ DIAPHRAGM**
 · TF = TEFLON
 · BU = BACK-UP
 · NE = NEOPRENE
 · EP = EPDM
- ⑤ CHECK BALL**
 · TF = TEFLON
 · SA = SANTOPRENE
 · NE = NEOPRENE
 · EP = EPDM
- ⑥ VALVE SEAT**
 · AL = ALUMINUM
 · TL = TEFLON
 · SS = SUS 316
 · PP = POLYPROPYLENE
- ⑦ VALVE SEAT O-RING**
 · TF = TEFLON
 · NR = NATURAL RUBBER
 · EP = EPDM
 · VT = VITON
- ⑧ BASE TYPE**
 · C = METAL PUMP
 · P = PP, TEFLON (PTFE) PUMP

AT15AP PERFORMANCE CHARTS



PARTS DRAWING OF AT15AP(ALUMINUM PUMP)



PARTS LIST

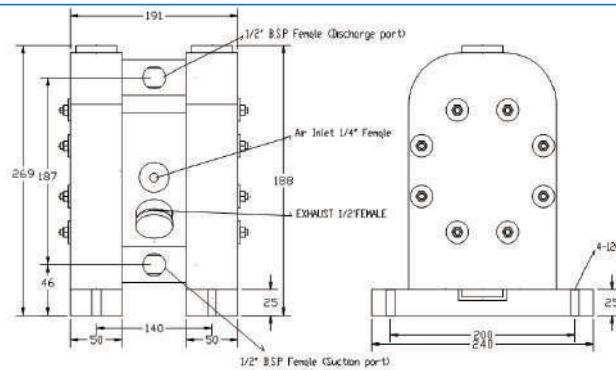
ITEM	DESCRIPTION	ITEM	DESCRIPTION
1	CENTER SECTION	16	SHAFT BOLT
2	MAJOR VALVE ASS'Y	17	SHAFT BOLT WASHER
3	MAJOR VALVE COVER	18	INSERT O-RING
4	COVER GASKET	19	WATER CHAMBER
5	MAJOR VALVE COVER BOLT	20	WATER CHAMBER BOLT(LONG)
6	SHAFT BUSHING	21	WATER CHAMBER BOLT[SHORT]
7	MAIN SHAFT	22	MANIFOLD
8	SHAFT O-RING	23	MANIFOLD BOLT
9	VALVE SEAT	24	LEG
10	CHECK BALL	25	DIAPHRAGM
11	BALL STOP	26	MUFFLER
12	SEAT O-RING		
14	OUTER PLATE		
15	INNER PLATE		

KHAN Air Diaphragm Pump AT 15 PP

1/2" Non-METAL PUMPS (POLYPROPYLENE)



AT15PP DIMENSION DATA



1/2" Non-METAL PUMPS (POLYPROPYLENE)

- Max Capacity : 50 LPM
- Port Size : 1/2" x 1/2" (BSP) Female
- Air Inlet : 1/4" Female
- Air Exhaust : 1/2" Female
- Dry Suction Lift : 2.4m (Rubber fitted)
- Max. Particle Size : 2.4 mm
- Max. Operating Pressure : 6.9 bar
- Shipping Weights : 6kgs

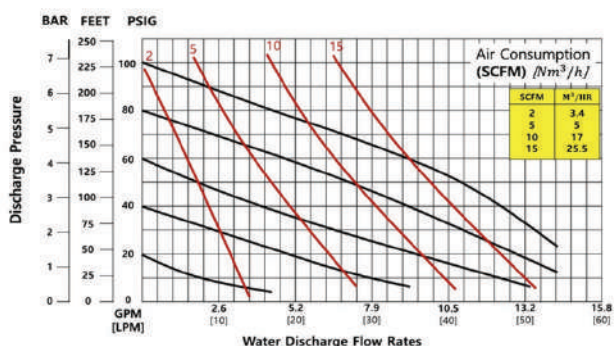
ORDERING MENU

AT15 P P - XX / XX / XX / XX - X
 ① ② ③ ④ ⑤ ⑥ ⑦ ⑧

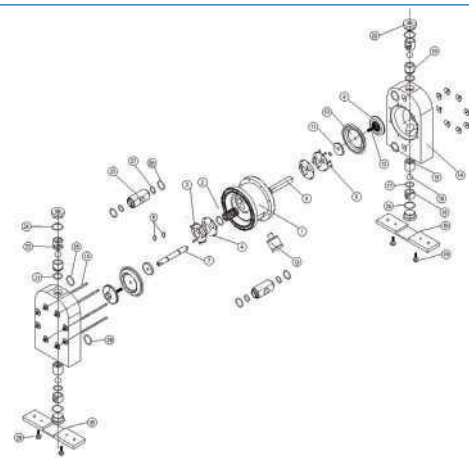
MATERIAL CODE

- ① PUMP SIZE**
 · 15 = 15A (1/2")
 · 25 = 25A (1")
 · 40 = 40A (1-1/2")
 · 50 = 50A (2")
- ② HOUSING**
 · A = ALUMINUM
 · S = SUS 316
 · AO = OLD ALUMINUM CHAMBER
 · P = POLYPROPYLENE
- ③ CENTER SECTION**
 · P = POLYPROPYLENE (INTERNAL VALVE TYPE)
 · PK = POLYPROPYLENE (EXTERNAL VALVE TYPE)
- ④ DIAPHRAGM**
 · TF = TEFLON
 · BU = BACK-UP
 · NE = NEOPRENE
 · EP = EPDM
- ⑤ CHECK BALL**
 · TF = TEFLON
 · SA = SANTOPRENE
 · NE = NEOPRENE
 · EP = EPDM
- ⑥ VALVE SEAT**
 · TF = TEFLON
 · AL = ALUMINUM
 · SS = SUS 316
 · PP = POLYPROPYLENE
- ⑦ VALVE SEAT O-RING**
 · TF = TEFLON
 · NR = NATURAL RUBBER
 · EP = EPDM
 · VT = VITON
- ⑧ BASE TYPE**
 · C = METAL PUMP
 · P = PP, TEFLON (PTFE) PUMP

AT15PP PERFORMANCE CHARTS



PARTS DRAWING OF AT15PP(POLYPROPYLENE PUMP)



PARTS LIST

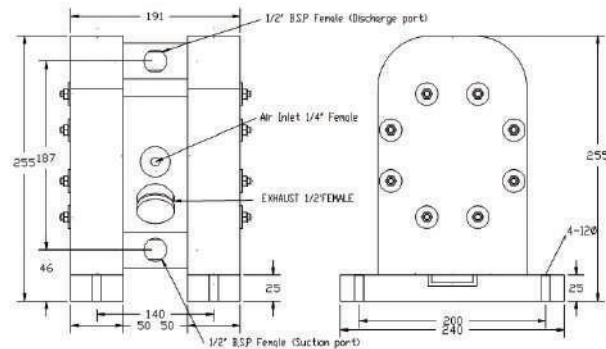
ITEM	DESCRIPTION	ITEM	DESCRIPTION
1	CENTER SECTION	17	SUCTION VALVE SEAT O-RING
2	MAJOR VALVE ASSEMBLY	18	CHECK BALL
3	MAJOR VALVE COVER	19	SUCTION BALL STOP
4	COVER GASKET	20	DISCHARGE VALVE SEAT
5	COVER BOLT	21	DISCHARGE SEAT O-RING
6	SHAFT BUSHING	22	DISCHARGE BALL STOP
7	SHAFT	23	END CAP
8	SHAFT O-RING	24	END CAP O-RING
9	OUTER PLATE	25	MANIFOLD
10	DIAPHRAGM	26	MANIFOLD O-RING(LARGE)
11	INNER PLATE	27	MANIFOLD O-RING(SMALL)
12	SHAFT STUD	28	MANIFOLD SEALING O-RING
13	MUFFLER	29	BASE BOLT
14	WATER CHAMBER	30	BASE
15	WATER CHAMBER BOLT	31	
16	SUCTION VALVE SEAT	32	

KHAN Air Diaphragm Pump AT 15 TP

1/2" Non-Metal PUMPS (PTFE)



AT15TP DIMENSION DATA



1/2" Non-Metal PUMPS (PTFE)

- Max Capacity : 50 LPM
- Port Size : 1/2" x 1/2"(BSP) Female
- Air Inlet : 1/4" Female
- Air Exhaust : 1/2" Female
- Dry Suction Lift : 2.4m (Rubber fitted)
- Max. Particle Size : 2.4 mm
- Max. Operating Pressure : 6.9 bar
- Shipping Weights : 10.8kgs

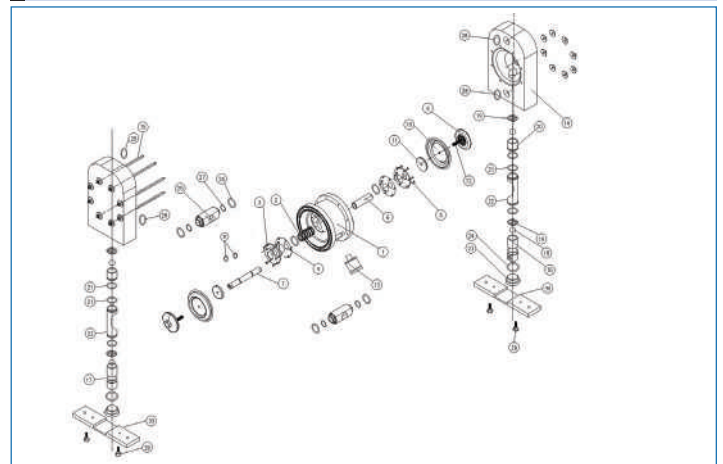
ORDERING MENU

AT15 T P - XX / XX / XX / XX - X
 ① ② ③ ④ ⑤ ⑥ ⑦ ⑧

MATERIAL CODE

- ① PUMP SIZE**
- 15 = 15A (1/2")
 - 25 = 25A (1")
 - 40 = 40A (1-1/2")
 - 50 = 50A (2")
- ② HOUSING**
- A = ALUMINUM
 - S = SUS 316
 - AO = OLD ALUMINUM CHAMBER
 - P = POLYPROPYLENE
 - TF = TEFLON
- ③ CENTER SECTION**
- P = POLYPROPYLENE (INTERNAL VALVE TYPE)
 - PK = POLYPROPYLENE (EXTERNAL VALVE TYPE)
- ④ DIAPHRAGM**
- TF = TEFLON
 - BU = BACK-UP
 - NE = NEOPRENE
 - EP = EPDM
- ⑤ CHECK BALL**
- TF = TEFLON
 - SA = SANTOPRENE
 - NE = NEOPRENE
 - EP = EPDM
 - BN = BUNA-N
 - VT = VITON
- ⑥ VALVE SEAT**
- TF = TEFLON
 - AL = ALUMINUM
 - SS = SUS 316
 - PP = POLYPROPYLENE
- ⑦ VALVE SEAT O-RING**
- TF = TEFLON
 - NR = NATURAL RUBBER
 - EP = EPDM
 - VT = VITON
- ⑧ BASE TYPE**
- C = METAL PUMP
 - P = PP, TEFLON (PTFE) PUMP

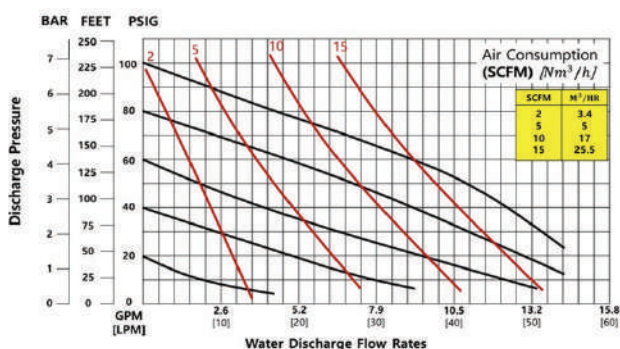
PARTS DRAWING OF AT15TP(TEFLON PUMP)



PARTS LIST

ITEM	DESCRIPTION	ITEM	DESCRIPTION
1	CENTER SECTION	16	SUCTION VALVE SEAT
2	MAJOR VALVE ASSEMBLY	17	SUCTION VALVE SEAT O-RING
3	MAJOR VALVE COVER	18	CHECK BALL
4	COVER GASKET	19	BALL STOP
5	MAJOR VALVE COVER BOLT	20	DISCHARGE VALVE SEAT
6	SHAFT BUSHING	21	DISCHARGE SEAT O-RING
7	SHAFT	22	SEAT BUSHING
8	SHAFT O-RING	23	END CAP
9	OUTER PLATE	24	END CAP O-RING
10	DIAPHRAGM	25	MANIFOLD
11	INNER PLATE	26	MANIFOLD O-RING(LARGE)
12	SHAFT STUD	27	MANIFOLD O-RING(SMALL)
13	MUFFLER	28	MANIFOLD SEALING O-RING
14	WATER CHAMBER	29	BASE
15	WATER CHAMBER BOLT	30	BASE BOLT

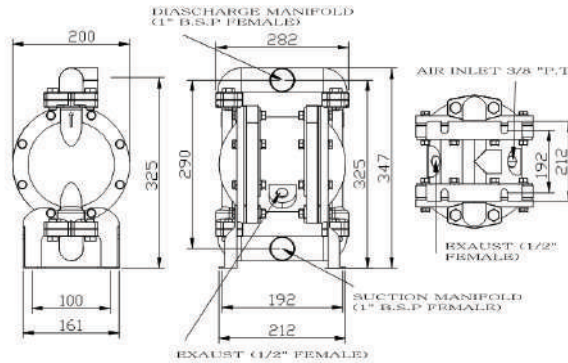
AT15TP PERFORMANCE CHARTS



1" METAL PUMPS (ALUMINUM)



AT25AP DIMENSION DATA



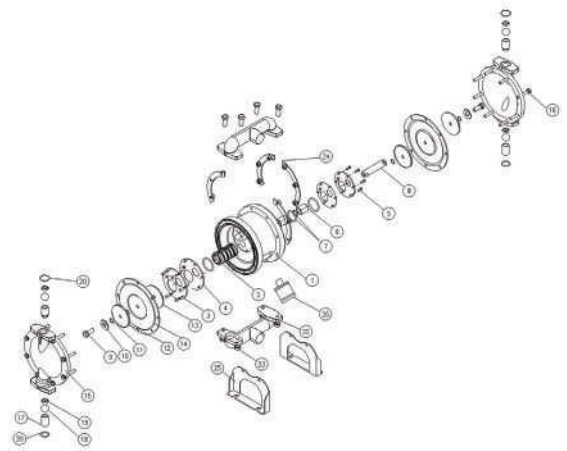
1" METAL PUMPS(ALUMINUM)

- Max Capacity : 140 LPM
- Port Size : 1" x 1" Female
- Air Inlet : 3/8" Female
- Air Exhaust : 1/2" Female
- Dry Suction Lift : 6.1m (Rubber fitted)
- Max. Particle Size : 3.2 mm
- Max. Operating Pressure : 7 bar
- Shipping Weights : 8.1kgs

ORDERING MENU

AT25 A P - XX / XX / XX / XX - X
 ① ② ③ ④ ⑤ ⑥ ⑦ ⑧

PARTS DRAWING OF AT25AP(ALUMINUM PUMP)



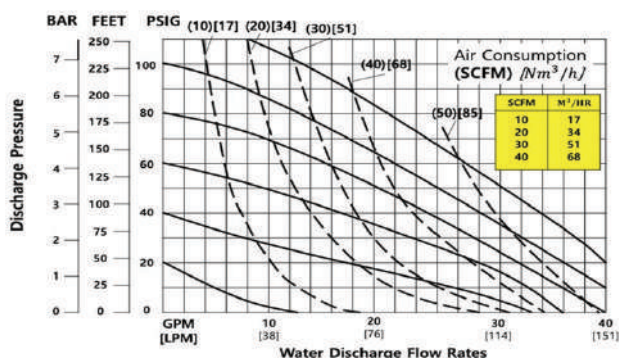
MATERIAL CODE

- ① PUMP SIZE**
 · 15 = 15A (1/2")
 · 25 = 25A (1")
 · 40 = 40A (1-1/2")
 · 50 = 50A (2")
- ② HOUSING**
 · A = ALUMINUM
 · S = SUS 316
 · AO = ALUMINUM OLD CHAMBER
 · P = POLYPROPYLENE
 · TF = TEFLON
- ③ CENTER SECTION**
 · P = POLYPROPYLENE (INTERNAL VALVE TYPE)
 · PK = POLYPROPYLENE (EXTERNAL VALVE TYPE)
- ④ DIAPHRAGM**
 · TF = TEFLON
 · BU = BACK-UP
 · NE = NEOPRENE
 · EP = EPDM
- ⑤ CHECK BALL**
 · TF = TEFLON
 · SA = SANTOPRENE
 · NE = NEOPRENE
 · EP = EPDM
- ⑥ VALVE SEAT**
 · TF = TEFLON
 · AL = ALUMINUM
 · SS = SUS 316
 · PP = POLYPROPYLENE
- ⑦ VALVE SEAT O-RING**
 · TF = TEFLON
 · NR = NATURAL RUBBER
 · EP = EPDM
 · VT = VITON
- ⑧ BASE TYPE**
 · C = METAL PUMP
 · P = PP, TEFLON (PTFE) PUMP

PARTS LIST

ITEM	DESCRIPTION	ITEM	DESCRIPTION
1	CENTER SECTION	15	WATER CHAMBER
2	MAJOR VALVE ASS'Y	16	WATER CHAMBER BOLT
3	MAJOR VALVE COVER	17	VALVE SEAT
4	COVER GASKET	18	CHECK BALL
5	COVER BOLT	19	BALL STOP
6	SHAFT BUSHING	20	SEAT O-RING
7	BUSHING SEAL&O-RING	22	MANIFOLD
8	SHAFT	23	MANIFOLD BOLT
9	SHAFT BOLT	24	LINER (TEFLON D/P FITTED)
10	SHAFT BOLT WASHER	25	LEG
11	INSERT O-RING	26	MUFFLER
12	OUTER PLATE		
13	INNER PLATE		
14	DIAPHRAGM		

AT25AP PERFORMANCE CHARTS



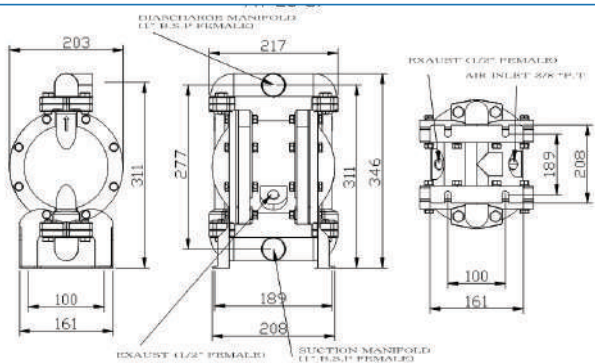
KHAN Air Diaphragm Pump

AT 25 SP

1" METAL PUMPS (SUS 316)



AT25SP DIMENSION DATA



1" METAL PUMPS (SUS 316)

- Max Capacity : 140 LPM
- Port Size : 1" x 1" (BSP) Female
- Air Inlet : 3/8" Female
- Air Exhaust : 1/2" Female
- Dry Suction Lift : 6.1m (Rubber fitted)
- Max. Particle Size : 3.2 mm
- Max. Operating Pressure : 7 bar
- Shipping Weights : 13.4kgs

ORDERING MENU

AT25 S P - XX / XX / XX / XX - X
① ② ③ ④ ⑤ ⑥ ⑦ ⑧

MATERIAL CODE

- ① PUMP SIZE

 - 15 = 15A (1/2")
 - 25 = 25A (1")
 - 40 = 40A (1-1/2")
 - 50 = 50A (2")
- ② HOUSING

 - A = ALUMINUM
 - S = SUS 316
 - AO = ALUMINUM OLD CHAMBER
 - P = POLYPROPYLENE
 - TF = TEFLON
- ③ CENTER SECTION

 - P = POLYPROPYLENE (INTERNAL VALVE TYPE)
 - PK = POLYPROPYLENE (EXTERNAL VALVE TYPE)
- ④ DIAPHRAGM

 - TF = TEFLON
 - BU = BACK-UP
 - NE = NEOPRENE
 - EP = EPDM
 - SA = SANTOPRENE
 - BN = BUNA-N
 - VT = VITON
- ⑤ CHECK BALL

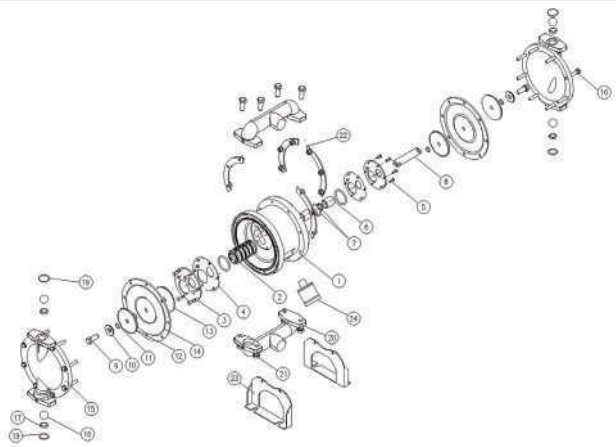
 - TF = TEFLON
 - SA = SANTOPRENE
 - NE = NEOPRENE
 - EP = EPDM
 - BN = BUNA-N
 - VT = VITON
- ⑥ VALVE SEAT

 - TF = TEFLON
 - AL = ALUMINUM
 - SS = SUS 316
 - PP = POLYPROPYLENE
- ⑦ VALVE SEAT O-RING

 - TF = TEFLON
 - NR = NATURAL RUBBER
 - EP = EPDM
 - VT = VITON
- ⑧ BASE TYPE

 - C = METAL PUMP
 - P = PP, TEFLON (PTFE) PUMP

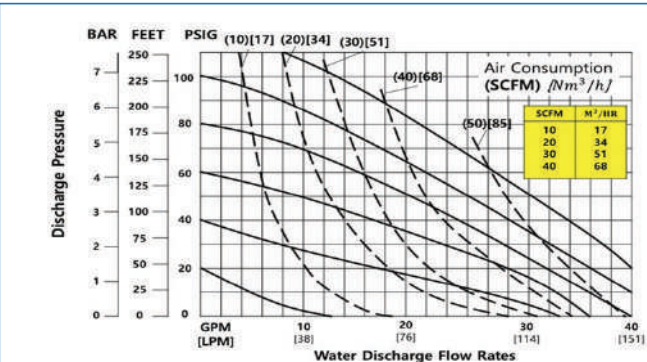
PARTS DRAWING OF AT25SP(SUS316 PUMP)



PARTS LIST

ITEM	DESCRIPTION	ITEM	DESCRIPTION
1	CENTER SECTION	13	INNER PLATE
2	MAJOR VALVE ASS'Y	14	DIAPHRAGM
3	MAJOR VALVE COVER	15	WATER CHAMBER
4	COVER GASKET	16	WATER CHAMBER BOLT
5	COVER BOLT	17	VALVE SEAT
6	SHAFT BUSHING	18	CHECK BALL
7	BUSHING SEAL&O-RING	19	SEAT O-RING
8	SHAFT	20	MANIFOLD
9	SHAFT BOLT	21	MANIFOLD BOLT
10	SHAFT BOLT WASHER	22	LINER
11	INSERT O-RING	23	LEG
12	OUTER PLATE	24	MUFFLER

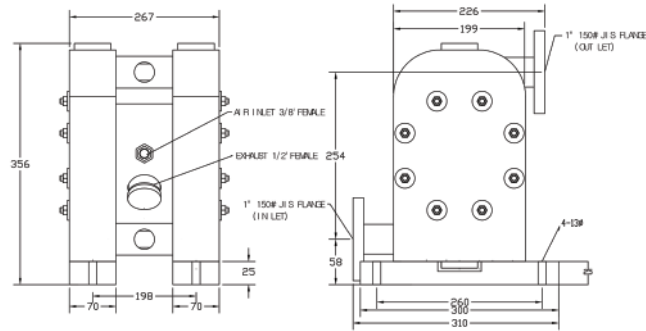
AT25SP PERFORMANCE CHARTS



1" Non-METAL PUMPS (POLYPROPYLENE)



AT25PP DIMENSION DATA



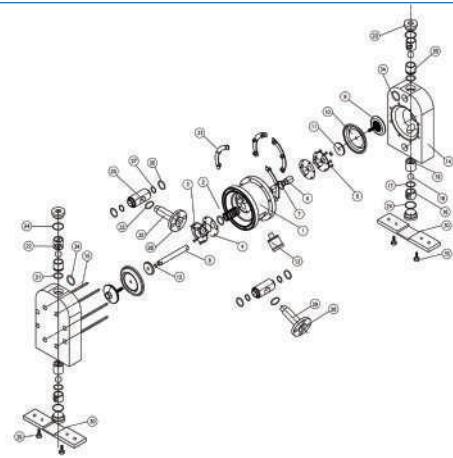
1" Non-METAL PUMPS (POLYPROPYLENE)

- Max Capacity : 140 LPM
- Port Size : 1" x 1"(150#) Jis Flange
- Air Inlet : 3/8" Female
- Air Exhaust : 1/2" Female
- Dry Suction Lift : 4.6m (Rubber fitted)
- Max. Particle Size : 3.2 mm
- Max. Operating Pressure: 7 bar
- Shipping Weights : 12.3kgs

ORDERING MENU

AT25 P P - XX / XX / XX / XX - X
 ① ② ③ ④ ⑤ ⑥ ⑦ ⑧

PARTS DRAWING OF AT25PP(POLYPROPYLENE PUMP)



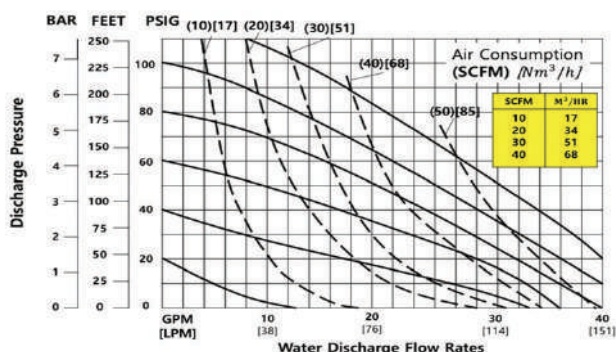
MATERIAL CODE

- ① PUMP SIZE**
 · 15 = 15A (1/2")
 · 25 = 25A (1")
 · 40 = 40A (1-1/2")
 · 50 = 50A (2")
- ② HOUSING**
 · A = ALUMINUM
 · S = SUS 316
 · AO = ALUMINUM OLD CHAMBER
 · P = POLYPROPYLENE
 · TF = TEFLON
- ③ CENTER SECTION**
 · P = POLYPROPYLENE (INTERNAL VALVE TYPE)
 · PK = POLYPROPYLENE (EXTERNAL VALVE TYPE)
- ④ DIAPHRAGM**
 · TF = TEFLON
 · BU = BACK-UP
 · NE = NEOPRENE
 · EP = EPDM
- ⑤ CHECK BALL**
 · TF = TEFLON
 · SA = SANTOPRENE
 · NE = NEOPRENE
 · EP = EPDM
- ⑥ VALVE SEAT**
 · TF = TEFLON
 · AL = ALUMINUM
 · SS = SUS 316
 · PP = POLYPROPYLENE
- ⑦ VALVE SEAT O-RING**
 · TF = TEFLON
 · NR = NATURAL RUBBER
 · EP = EPDM
 · VT = VITON
- ⑧ BASE TYPE**
 · C = METAL PUMP
 · P = PP, TEFLON (PTFE) PUMP

PARTS LIST

ITEM	DESCRIPTION	ITEM	DESCRIPTION
1	CENTER SECTION	19	SUCTION BALL STOP
2	MAJOR VALVE ASSEMBLY	20	DISCHARGE VALVE SEAT
3	MAJOR VALVE COVER	21	DISCHARGE SEAT O-RING
4	COVER GASKET	22	DISCHARGE BALL STOP
5	COVER BOLT	23	END CAP
6	SHAFT BUSHING	24	END CAP O-RING
7	BUSHING SEAL&O-RING	25	MANIFOLD
8	SHAFT	26	MANIFOLD O-RING(LARGE)
9	OUTER PLATE	27	MANIFOLD O-RING(SMALL)
10	DIAPHRAGM	28	FLANGE
11	INNER PLATE	29	SUCTION FLANGE NIPPLE
12	INSERT O-RING	30	POLYPROPYLENE BASE
13	MUFFLER	31	LINER
14	WATER CHAMBER	32	DISCHARGE FLANGE NIPPLE
15	WATER CHAMBER BOLT	33	FLANGE NIPPLE O-RING
16	SUCTION VALVE SEAT	34	MANIFOLD SEALING O-RING
17	SUCTION VALVE SEAT O-RING	35	BASE BOLT
18	CHECK BALL		

AT25PP PERFORMANCE CHARTS

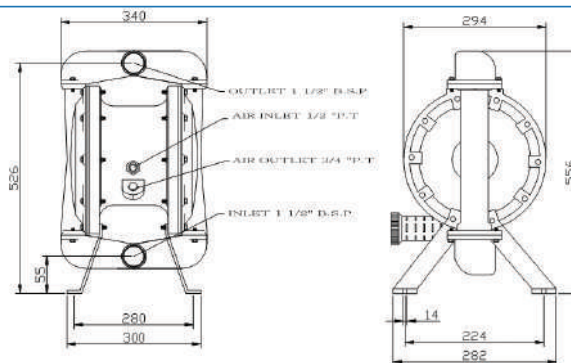


KHAN Air Diaphragm Pump AT 40 AP

1-1/2" METAL PUMPS (ALUMINUM)



AT40AP DIMENSION DATA



1-1/2" METAL PUMPS (ALUMINUM)

- Max Capacity : 370 LPM
- Port Size : 1-1/2"x1-1/2"(BSP) Female
- Air Inlet : 1/2" Female
- Air Exhaust : 3/4" Female
- Dry Suction Lift : 6.1m (Rubber fitted)
- Max. Particle Size : 6.4 mm
- Max. Operating Pressure : 7 bar
- Shipping Weights : 23.1kgs

ORDERING MENU

AT40 A P - XX / XX / XX / XX - X
 ① ② ③ ④ ⑤ ⑥ ⑦ ⑧

MATERIAL CODE

① PUMP SIZE

- 15 = 15A (1/2")
- 25 = 25A (1")
- 40 = 40A (1-1/2")
- 50 = 50A (2")

② HOUSING

- A = ALUMINUM
- S = SUS 316
- AO = ALUMINUM OLD CHAMBER
- P = POLYPROPYLENE
- TF = TEFLON

③ CENTER SECTION

- P = POLYPROPYLENE (INTERNAL VALVE TYPE)
- PK = POLYPROPYLENE (EXTERNAL VALVE TYPE)

④ DIAPHRAGM

- TF = TEFLON
- BU = BACK-UP
- NE = NEOPRENE
- EP = EPDM
- SA = SANTOPRENE
- BN = BUNA-N
- VT = VITON

⑤ CHECK BALL

- TF = TEFLON
- SA = SANTOPRENE
- NE = NEOPRENE
- EP = EPDM
- BN = BUNA-N
- VT = VITON

⑥ VALVE SEAT

- TF = TEFLON
- AL = ALUMINUM
- SS = SUS 316
- PP = POLYPROPYLENE

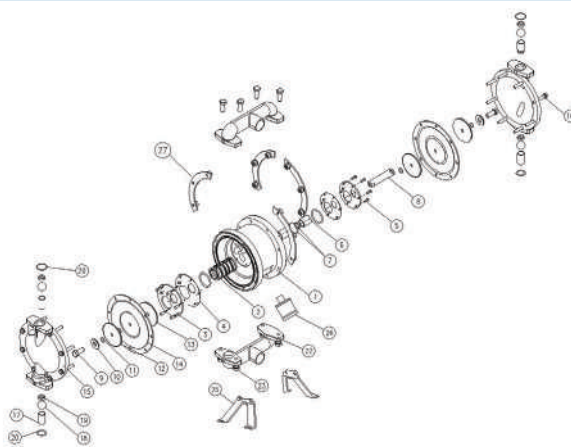
⑦ VALVE SEAT O-RING

- TF = TEFLON
- NR = NATURAL RUBBER
- EP = EPDM
- VT = VITON

⑧ BASE TYPE

- C = METAL PUMP
- P = POLYPROPYLENE PUMP

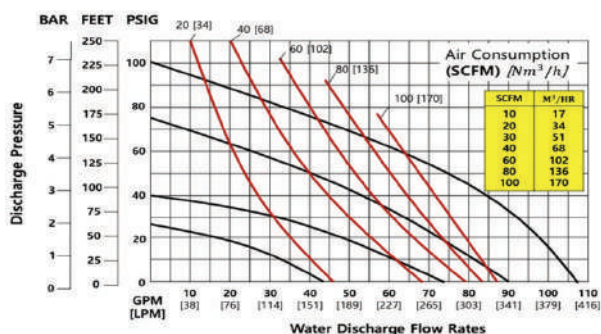
PARTS DRAWING OF AT40AP(ALUMINUM PUMP)



PARTS LIST

ITEM	DESCRIPTION	ITEM	DESCRIPTION
1	CENTER SECTION	14	DIAPHRAGM
2	MAJOR VALVE ASS'Y	15	WATER CHAMBER
3	MAJOR VALVE COVER	16	WATER CHAMBER BOLT
4	COVER GASKET	17	VALVE SEAT
5	MAJOR VALVE COVER BOLT	18	CHECK BALL
6	SHAFT BUSHING	19	BALL STOP
7	BUSHING SEAL&O-RING	20	SEAT O-RING
8	SHAFT	22	MANIFOLD
9	SHAFT BOLT	23	MANIFOLD BOLT
10	SHAFT BOLT WASHER	25	LEG
11	INSERT O-RING	26	MUFFLER
12	OUTER PLATE	27	LINER (TEFLON D/P FITTED)
13	INNER PLATE		

AT40AP PERFORMANCE CHARTS

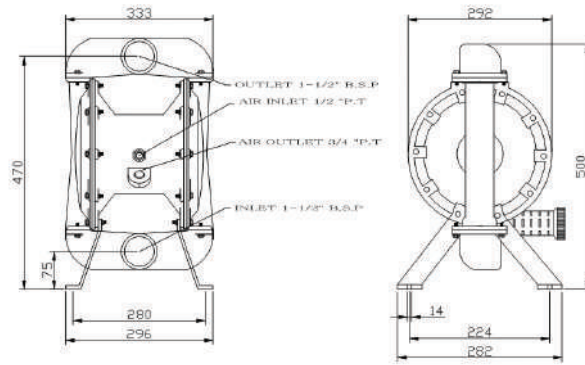


KHAN Air Diaphragm Pump AT 40 SP

1-1/2" METAL PUMPS (SUS 316)



AT40SP DIMENSION DATA



1-1/2" METAL PUMPS (SUS 316)

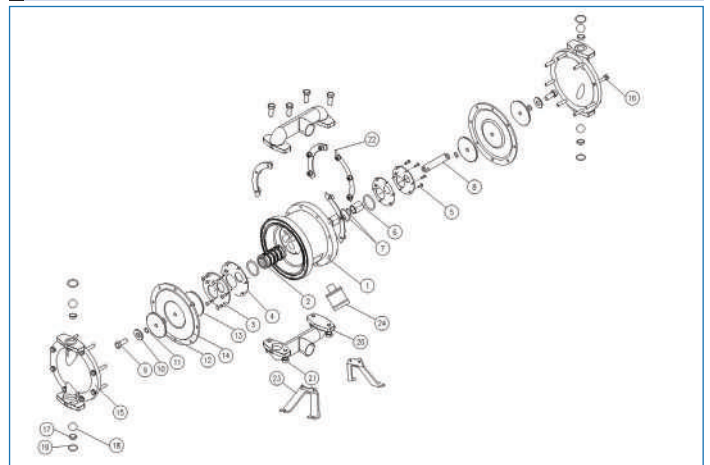
- Max Capacity : 370 LPM
- Port Size :1-1/2"x1-1/2"(BSP) Female
- Air Inlet : 1/2" Female
- Air Exhaust : 3/4" Female
- Dry Suction Lift : 6.1m (Rubber fitted)
- Max. Particle Size : 6.4 mm
- Max. Operating Pressure: 7 bar
- Shipping Weights : 33.8kgs

ORDERING MENU

AT40 S P - XX / XX / XX / XX - X

① ② ③ ④ ⑤ ⑥ ⑦ ⑧

PARTS DRAWING OF AT40SP(SUS316 PUMP)



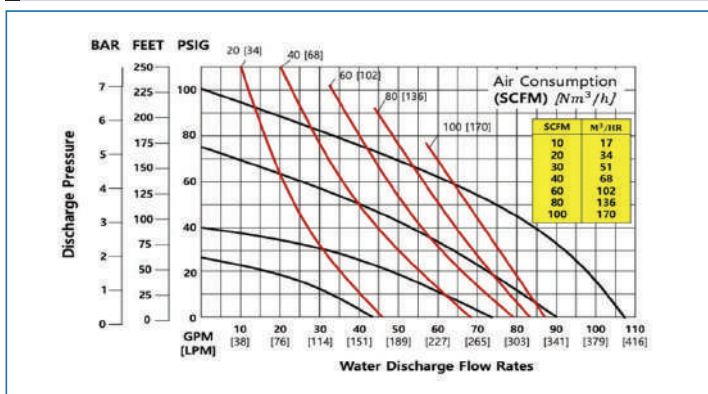
MATERIAL CODE

- ① PUMP SIZE**
- 15 = 15A (1/2")
 - 25 = 25A(1")
 - 40 = 40A(1-1/2")
 - 50 = 50A(2")
- ② HOUSING**
- A = ALUMINUM
 - S = SUS 316
 - AO = ALUMINUM OLD CHAMBER
 - P = POLYPROPYLENE
- ③ CENTER SECTION**
- P = POLYPROPYLENE (INTERNAL VALVE TYPE)
 - PK = POLYPROPYLENE (EXTERNAL VALVE TYPE)
- ④ DIAPHRAGM**
- TF = TEFLON
 - BU = BACK-UP
 - NE = NEOPRENE
 - EP = EPDM
- ⑤ CHECK BALL**
- SA = SANTOPRENE
 - BN = BUNA-N
 - VT = VITON
 - TF = TEFLON
 - SA = SANTOPRENE
 - NE = NEOPRENE
 - EP = EPDM
 - BN = BUNA-N
 - VT = VITON
- ⑥ VALVE SEAT**
- TF = TEFLON
 - AL = ALUMINUM
 - SS = SUS 316
 - PP = POLYPROPYLENE
- ⑦ VALVE SEAT O-RING**
- TF = TEFLON
 - NR = NATURAL RUBBER
 - EP = EPDM
 - VT = VITON
- ⑧ BASE TYPE**
- C = METAL PUMP
 - P = POLYPROPYLENE PUMP

PARTS LIST

ITEM	DESCRIPTION	ITEM	DESCRIPTION
1	CENTER SECTION	13	INNER PLATE
2	MAJOR VALVE ASS'Y	14	DIAPHRAGM
3	MAJOR VALVE COVER	15	WATER CHAMBER
4	COVER GASKET	16	WATER CHAMBER BOLT
5	COVER BOLT	17	VALVE SEAT
6	SHAFT BUSHING	18	CHECK BALL
7	BUSHING SEAL&O-RING	19	SEAT O-RING
8	SHAFT	20	MANIFOLD
9	SHAFT BOLT	21	MANIFOLD BOLT
10	SHAFT BOLT WASHER	22	LINER
11	INSERT O-RING	23	LEG
12	OUTER PLATE	24	MUFFLER

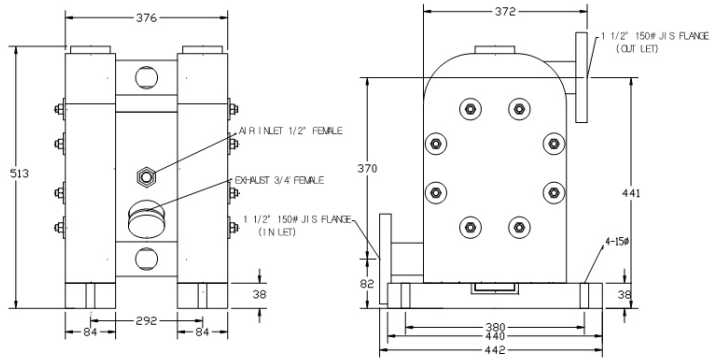
AT40SP PERFORMANCE CHARTS



1-1/2" Non-METAL PUMPS (POLYPROPYLENE)



AT40PP DIMENSION DATA



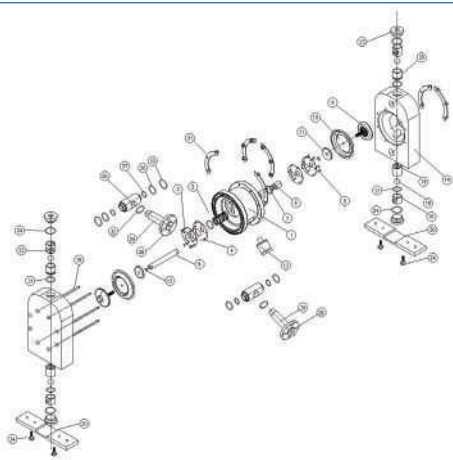
1-1/2" Non-METAL PUMPS (POLYPROPYLENE)

- Max Capacity : 370 LPM
- Port Size : 1-1/2"x1-1/2" (150#)Jis Flange
- Air Inlet : 1/2" Female
- Air Exhaust : 3/4" Female
- Dry Suction Lift : 4.3m (Rubber fitted)
- Max. Particle Size : 6.4 mm
- Max. Operating Pressure : 7 bar
- Shipping Weights : 29.7kgs

ORDERING MENU

AT40 P P - XX / XX / XX / XX - X
 ① ② ③ ④ ⑤ ⑥ ⑦ ⑧

PARTS DRAWING OF AT40PP(POLYPROPYLENE PUMP)



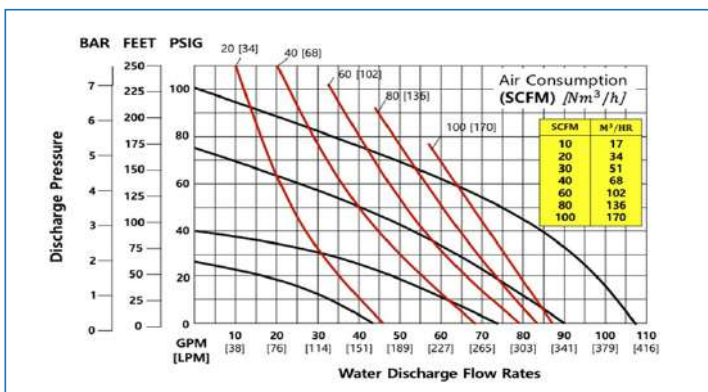
MATERIAL CODE

- ① PUMP SIZE**
- 15 = 15A (1/2")
 - 25 = 25A(1")
 - 40 = 40A(1-1/2")
 - 50 = 50A(2")
- ② HOUSING**
- A = ALUMINUM
 - S = SUS 316
 - AO = ALUMINUM OLD CHAMBER
 - P = POLYPROPYLENE
 - TF = TEFLON
- ③ CENTER SECTION**
- P = POLYPROPYLENE (INTERNAL VALVE TYPE)
 - PK = POLYPROPYLENE (EXTERNAL VALVE TYPE)
- ④ DIAPHRAGM**
- TF = TEFLON
 - BU = BACK-UP
 - NE = NEOPRENE
 - EP = EPDM
- ⑤ CHECK BALL**
- TF = TEFLON
 - SA = SANTOPRENE
 - NE = NEOPRENE
 - EP = EPDM
 - BN = BUNA-N
 - VT = VITON
- ⑥ VALVE SEAT**
- TF = TEFLON
 - AL = ALUMINUM
 - SS = SUS 316
 - PP = POLYPROPYLENE
- ⑦ VALVE SEAT O-RING**
- TF = TEFLON
 - NR = NATURAL RUBBER
 - EP = EPDM
 - VT = VITON
- ⑧ BASE TYPE**
- C = METAL PUMP
 - P = POLYPROPYLENE PUMP

PARTS LIST

ITEM	DESCRIPTION	ITEM	DESCRIPTION
1	CENTER SECTION	18	CHECK BALL
2	MAJOR VALVE ASSEMBLY	19	BALL STOP
3	MAJOR VALVE COVER	20	DISCHARGE VALVE SEAT
4	COVER GASKET	21	DISCHARGE SEAT O-RING
5	COVER BOLT	22	DISCHARGE BALL STOP
6	SHAFT BUSHING	23	END CAP
7	BUSHING SEAL&O-RING	24	END CAP O-RING
8	SHAFT	25	MANIFOLD
9	OUTER PLATE	26	MANIFOLD O-RING(LARGE)
10	DIAPHRAGM	27	MANIFOLD O-RING(SMALL)
11	INNER PLATE	28	FLANGE
12	INSERT O-RING	29	FLANGE NIPPLE
13	MUFFLER	30	POLYPROPYLENE BASE
14	WATER CHAMBER	31	LINER
15	WATER CHAMBER BOLT	32	FLANGE NIPPLE O-RING
16	SUCTION VALVE SEAT	33	MANIFOLD SEALING O-RING
17	SUCTION VALVE SEAT O-RING	34	BASE BOLT

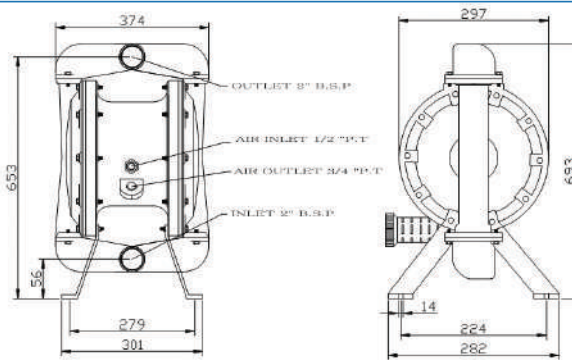
AT40PP PERFORMANCE CHARTS



2" METAL PUMPS (ALUMINUM)



AT50AP DIMENSION DATA



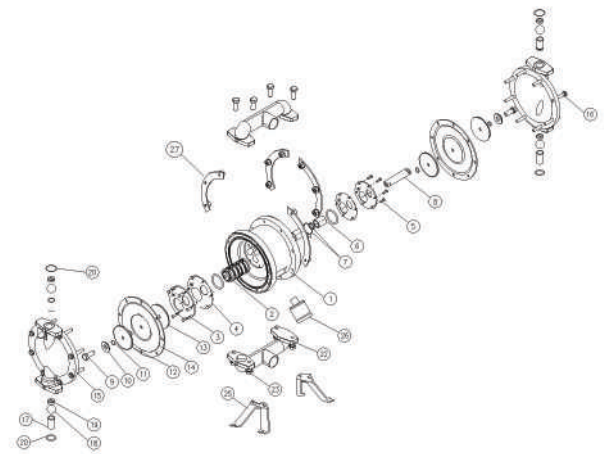
2" METAL PUMPS (ALUMINUM)

- Max Capacity : 500 LPM
- Port Size : 2" x 2" (BSP) Female Port
- Air Inlet : 1/2" Female
- Air Exhaust : 3/4" Female
- Dry Suction Lift : 6.1m (Rubber fitted)
- Max. Particle Size : 7.2 mm
- Max. Operating Pressure : 7 bar
- Shipping Weights : 28kgs

ORDERING MENU

AT50 A P - XX / XX / XX / XX - X
 ① ② ③ ④ ⑤ ⑥ ⑦ ⑧

PARTS DRAWING OF AT50AP(ALUMINUM PUMP)



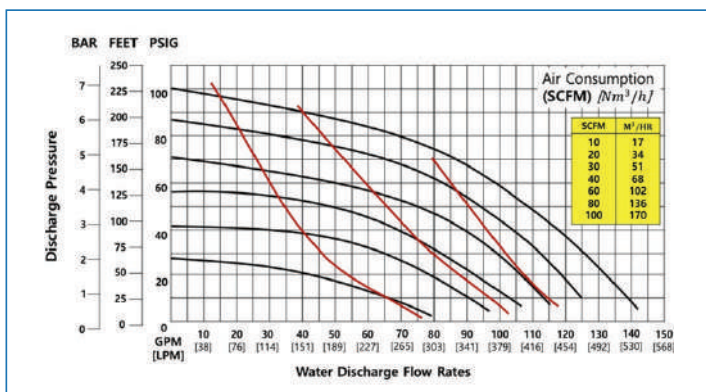
MATERIAL CODE

- ① PUMP SIZE**
 · 15 = 15A (1/2")
 · 25 = 25A (1")
 · 40 = 40A (1-1/2")
 · 50 = 50A (2")
- ② HOUSING**
 · A = ALUMINUM
 · S = SUS 316
 · AO = ALUMINUM OLD CHAMBER
 · P = POLYPROPYLENE
 · TF = TEFLON
- ③ CENTER SECTION**
 · P = POLYPROPYLENE (INTERNAL VALVE TYPE)
 · PK = POLYPROPYLENE (EXTERNAL VALVE TYPE)
- ④ DIAPHRAGM**
 · TF = TEFLON
 · BU = BACK-UP
 · NE = NEOPRENE
 · EP = EPDM
- ⑤ CHECK BALL**
 · TF = TEFLON
 · SA = SANTOPRENE
 · VT = VITON
 · BN = BUNA-N
 · VT = VITON
 · EP = EPDM
- ⑥ VALVE SEAT**
 · TF = TEFLON
 · AL = ALUMINUM
 · SS = SUS 316
 · PP = POLYPROPYLENE
- ⑦ VALVE SEAT O-RING**
 · TF = TEFLON
 · NR = NATURAL RUBBER
 · EP = EPDM
 · VT = VITON
- ⑧ BASE TYPE**
 · C = METAL PUMP
 · P = POLYPROPYLENE PUMP

PARTS LIST

ITEM	DESCRIPTION	ITEM	DESCRIPTION
1	CENTER SECTION	14	DIAPHRAGM
2	MAJOR VALVE ASS'Y	15	WATER CHAMBER
3	MAJOR VALVE COVER	16	WATER CHAMBER BOLT
4	COVER GASKET	17	VALVE SEAT
5	MAJOR VALVE COVER BOLT	18	CHECK BALL
6	SHAFT BUSHING	19	BALL STOP
7	BUSHING SEAL&O-RING	20	SEAT O-RING
8	SHAFT	22	MANIFOLD
9	SHAFT BOLT	23	MANIFOLD BOLT
10	SHAFT BOLT WASHER	25	LEG
11	INSERT O-RING	26	MUFFLER
12	OUTER PLATE	27	LINER (TEFLON D/P FITTED)
13	INNER PLATE		

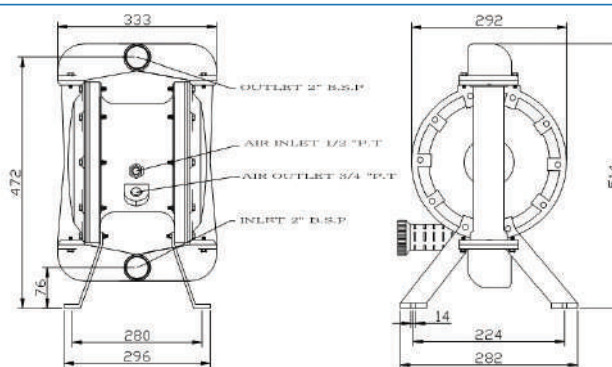
AT50AP PERFORMANCE CHARTS



2" METAL PUMPS (SUS 316)



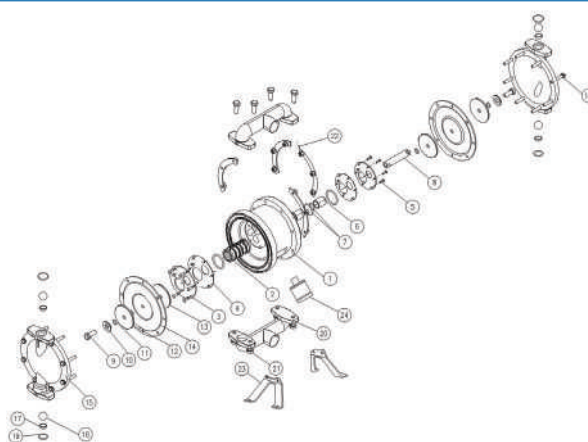
AT50SP DIMENSION DATA



2" METAL PUMPS (SUS 316)

- Max Capacity : 500 LPM
- Port Size : 2" x 2"(BSP) Female Port
- Air Inlet : 1/2" Female
- Air Exhaust : 3/4" Female
- Dry Suction Lift : 6.1m (Rubber fitted)
- Max. Particle Size : 6.2 mm
- Max. Operating Pressure : 7 bar
- Shipping Weights : 37.8kgs

PARTS DRAWING OF AT50SP(SUS316 PUMP)



ORDERING MENU

AT50 S P - XX / XX / XX / XX - X
 ① ② ③ ④ ⑤ ⑥ ⑦ ⑧

MATERIAL CODE

① PUMP SIZE

- 15 = 15A (1/2")
- 25 = 25A (1")
- 40 = 40A (1-1/2")
- 50 = 50A (2")

② HOUSING

- A = ALUMINUM
- S = SUS 316
- AO = ALUMINUM OLD CHAMBER
- P = POLYPROPYLENE
- TF = TEFLON

③ CENTER SECTION

- P = POLYPROPYLENE (INTERNAL VALVE TYPE)
- PK = POLYPROPYLENE (EXTERNAL VALVE TYPE)

④ DIAPHRAGM

- TF = TEFLON
- BU = BACK-UP
- NE = NEOPRENE
- EP = EPDM
- SA = SANTOPRENE
- BN = BUNA-N
- VT = VITON

⑤ CHECK BALL

- TF = TEFLON
- SA = SANTOPRENE
- NE = NEOPRENE
- EP = EPDM
- BN = BUNA-N
- VT = VITON

⑥ VALVE SEAT

- TF = TEFLON
- AL = ALUMINUM
- SS = SUS 316
- PP = POLYPROPYLENE

⑦ VALVE SEAT O-RING

- TF = TEFLON
- NR = NATURAL RUBBER
- EP = EPDM
- VT = VITON

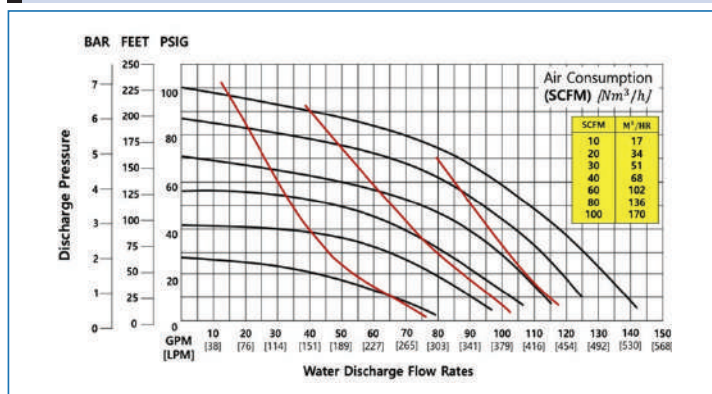
⑧ BASE TYPE

- C = METAL PUMP
- P = POLYPROPYLENE PUMP

PARTS LIST

ITEM	DESCRIPTION	ITEM	DESCRIPTION
1	CENTER SECTION	13	INNER PLATE
2	MAJOR VALVE ASS'Y	14	DIAPHRAGM
3	MAJOR VALVE COVER	15	WATER CHAMBER
4	COVER GASKET	16	WATER CHAMBER BOLT
5	COVER BOLT	17	VALVE SEAT
6	SHAFT BUSHING	18	CHECK BALL
7	BUSHING SEAL&O-RING	19	SEAT O-RING
8	SHAFT	20	MANIFOLD
9	SHAFT BOLT	21	MANIFOLD BOLT
10	SHAFT BOLT WASHER	22	LINER
11	INSERT O-RING	23	LEG
12	OUTER PLATE	24	MUFFLER

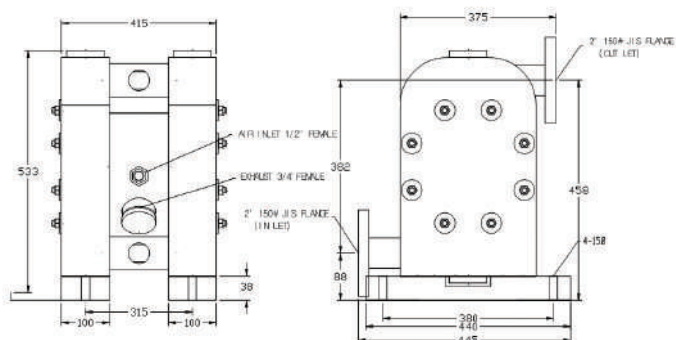
AT50SP PERFORMANCE CHARTS



2" Non-METAL PUMPS (POLYPROPYLENE)



AT50PP DIMENSION DATA



2" Non-METAL PUMPS (POLYPROPYLENE)

- Max Capacity : 500 LPM
- Port Size : 2" x 2"(150#) Jis Flange
- Air Inlet : 1/2" Female
- Air Exhaust : 3/4" Female
- Dry Suction Lift : 5.4m (Rubber fitted)
- Max. Particle Size : 7.2 mm
- Max. Operating Pressure : 7 bar
- Shipping Weights : 35.3kgs

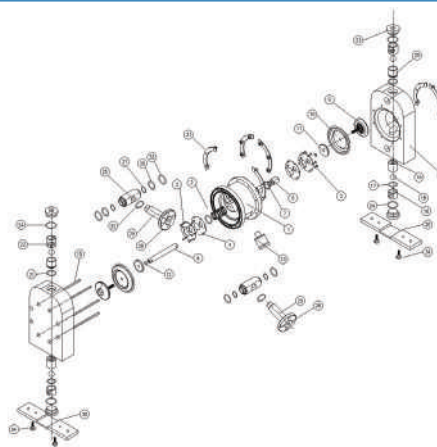
ORDERING MENU

AT50 P P - XX / XX / XX / XX - X
① ② ③ ④ ⑤ ⑥ ⑦ ⑧

MATERIAL CODE

- ① PUMP SIZE**
- 15 = 15A (1/2")
 - 25 = 25A(1")
 - 40 = 40A(1-1/2")
 - 50 = 50A(2")
- ② HOUSING**
- A = ALUMINUM
 - S = SUS 316
 - AO = ALUMINUM OLD CHAMBER
 - P = POLYPROPYLENE
 - TF = TEFLON
- ③ CENTER SECTION**
- P = POLYPROPYLENE (INTERNAL VALVE TYPE)
 - PK = POLYPROPYLENE (EXTERNAL VALVE TYPE)
- ④ DIAPHRAGM**
- TF = TEFLON
 - BU = BACK-UP
 - NE = NEOPRENE
 - EP = EPDM
- ⑤ CHECK BALL**
- TF = TEFLON
 - SA = SANTOPRENE
 - NE = NEOPRENE
 - EP = EPDM
 - BN = BUNA-N
 - VT = VITON
- ⑥ VALVE SEAT**
- TF = TEFLON
 - AL = ALUMINUM
 - SS = SUS 316
 - PP = POLYPROPYLENE
- ⑦ VALVE SEAT O-RING**
- TF = TEFLON
 - NR = NATURAL RUBBER
 - EP = EPDM
 - VT = VITON
- ⑧ BASE TYPE**
- C = METAL PUMP
 - P = POLYPROPYLENE PUMP

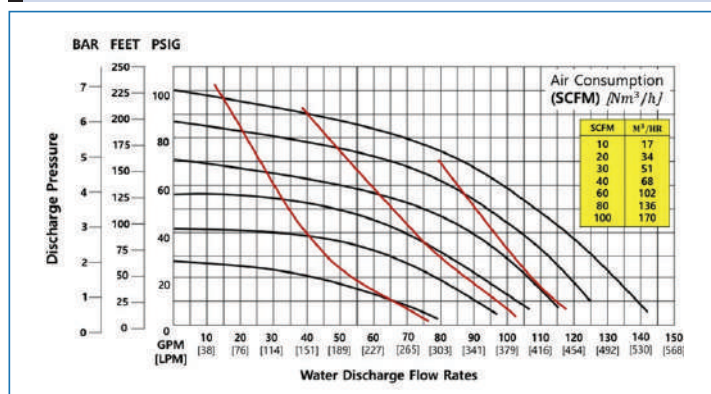
PARTS DRAWING OF AT50PP(POLYPROPYLENE PUMP)



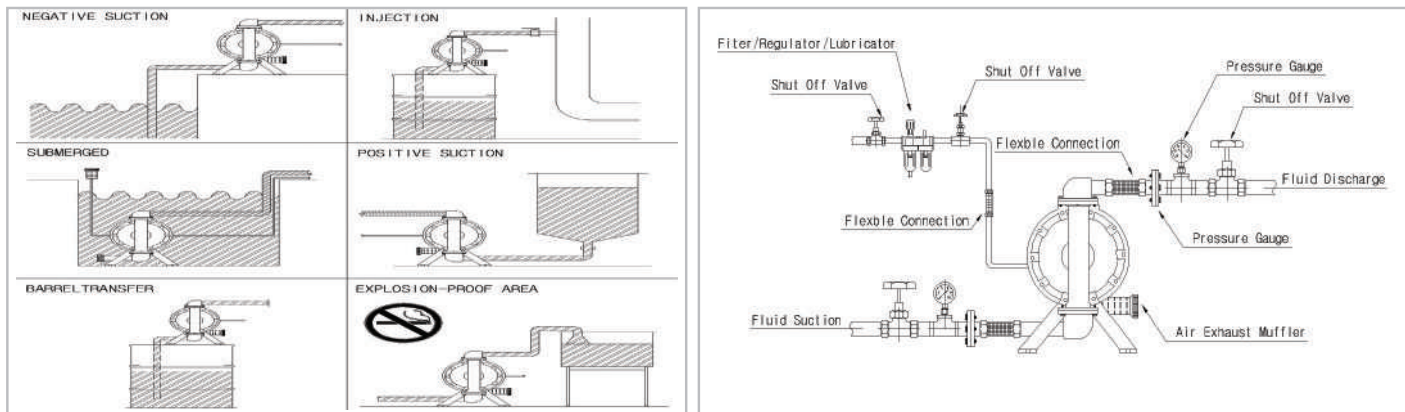
PARTS LIST

ITEM	DESCRIPTION	ITEM	DESCRIPTION
1	CENTER SECTION	18	CHECK BALL
2	MAJOR VALVE ASSEMBLY	19	SUCTION BALL STOP
3	MAJOR VALVE COVER	20	DISCHARGE VALVE SEAT
4	COVER GASKET	21	DISCHARGE SEAT O-RING
5	COVER BOLT	22	DISCHARGE BALL STOP
6	SHAFT BUSHING	23	END CAP
7	BUSHING SEAL&O-RING	24	END CAP O-RING
8	SHAFT	25	MANIFOLD
9	OUTER PLATE	26	MANIFOLD O-RING(LARGE)
10	DIAPHRAGM	27	MANIFOLD O-RING(SMALL)
11	INNER PLATE	28	FLANGE
12	INSERT O-RING	29	FLANGE NIPPLE
13	MUFFLER	30	POLYPROPYLENE BASE
14	WATER CHAMBER	31	LINER
15	WATER CHAMBER BOLT	32	FLANGE NIPPLE O-RING
16	SUCTION VALVE SEAT	33	MANIFOLD SEALING O-RING
17	SUCTION VALVE SEAT O-RING	34	BASE BOLT

AT50PP PERFORMANCE CHARTS



Performance Technical Data



SUBMERGED : Khan Pumps are totally submersible. It is important that the air exhaust be ported above the level of the fluid, and that the materials of construction also be compatible with the fluid that the pump is submerged in

POSITIVE : For emptying tanks it is important to limit the inlet fluid pressure to approximately 10 PSI (0.69 bar) for Teflon diaphragms and 15 PSI (1.03 bar) for rubber and thermo-plastic diaphragms. Greater inlet pressure can cause erratic pump operation and premature diaphragm failure.

SUCTION LIFT : The suction capabilities of each pump may vary due to system design, product being pumped, and pump materials of construction. Please consult the factory with specific criteria.

KHAN Diaphragm Pumps			
	Chemical	Abrasion	Flex Life
Aluminum	1	3	-
Buna N(nitrile)	2	2	3
EDPM	3	2	3
Neoprene	2	2	3
Polypropylene	4	2	-
Santoprene	4	4	5
Stainless Steel	4	4	-
Teflon	5	2	4
Viton	4	2	1

TEMPERATURE LIMITS*

NEOPRENE 0°F (-18°C) to +200°F (93°C)

BUNA-N +10°F (-12°C) to +180°F (82°C)

NORDEL -60°F (-51°C) to +280°F (138°C)

VITON -40°F (-40°C) to +350°F (176°C)

TEFLON PTFE +40°F (+4°C) to +220°F (105°C)

SANTOPRENE -20°F (-29°C) to +300°F (149°C)

METALLIC PUMPS can operate past 212°F (100°C).

(However, if you are operating above these limits, consult the factory for assistance.)

PLASTIC PUMPS can operate to the following temperature limits

POLYPROPYLENE: 32°F (0°C) to 175° F (79°C)

*NOTE: These are average temperatures.
Chemicals and solvents can have an effect on temperature limits

WETTED MATERIAL COMPATIBLTY

Fluid Solutions	Numeric pH Level	Wetted Section Construction Metals
ALKALINE	14	STAINLESS STEEL
	13	
	12	
	11	
CAUSTIC	10	CAST IRON
	9	
NEUTRAL	8	ALUMINUM
	7	
	6	
	5	
ACID	4	CAST IRON
	3	
	2	STAINLESS STEEL
	1	
	0	

ELASTOMER MATERIAL COLOR CODE			
BUNA-N Black w/Red Dot	POLYURETHANE Pale Yellow	SANTOPRENE TPE Bright yellow	elastomer products. Other industrial elastomer product manufacturers' color codes may differ
FDA HYTREL creme	TEFLON PFA White	These color codes are used for Khan pump manufactured	
NEOPRENE Black w/Red Dot	ONE-UP Black/White		
NORDEL Black w/Red Dot	VITON Black w/Silver Dot		



