



Do not scale off this drawing
All dimensions should be checked on site
E. & O.E.

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1"-0.75" NIPPLE
(KMAN4-3)

3/4" GATE VALVE
(EVG3)

16mm x 3/4" MALE STUD
(FRM16-3)

16mm POLY PIPE
(PA16)

RETURN TO TANK

(USE BARBED FITTINGS FROM FBM16-T PACK)

PRESSURE GAUGE
(EPG-10B)

FROM TANK

HANSEN HEX NIPPLE

1" GATE VALVE (FPTN4H)
1.5" GATE VALVE (FPTN6-4)
2" GATE VALVE (FPTN8-4)

1" SUCTION HOSE
(PHS4-5M)

1" SUCTION HOSE CLAMP
(FHSC4)

1" x 1"F HOSE TAIL
(FHB4-4F)

1" HEX NIPPLE
(FGAN4H)

1" CHECK VALVE
(EVC4)

HANSEN HEX NIPPLE
1.25"-1"(FPTN5-4)
1" (FPTN4H)

HORIZONTAL
PUMP

1" TEE
(KMAT4F)
1" NIPPLE
(KMAN4)

1" NIPPLE
(FPTN4H)

1" VALVE
(FLSC4)

1" FILTER
(EFP4-0.1)

1" UNION ELBOW
(KMAE4)

USE MALE / FEMALE IF
NO FILTER USED
(KMAE4MF)

COMPRESSION PIPE FITTING
20MM (FLM20-4)
25MM (FLM25-4)
32MM (FLM32-4)
50MM (FLM50-4)

TO
SYSTEM

NOTES

Layout suitable for all pumps with 1" or 1.25" inlet using irrigation panel to start via a pump starter or pump relay.

Outlet pipe sizes 20mm - 32mm generally can have 1" filter on pump. For 50mm pipe use 1.5" filter (EFP6-0.1) fitted into pipework beyond the pump.

Sports systems with travelling sprinklers or reel irrigators generally do not need filters.

Project:	
Title:	1 inch Horizontal Pump and Fittings
Scale:	N/A
Date:	Aug-19 Rev:2
Drawing No:	1 INCH PUMP AND FITTINGS