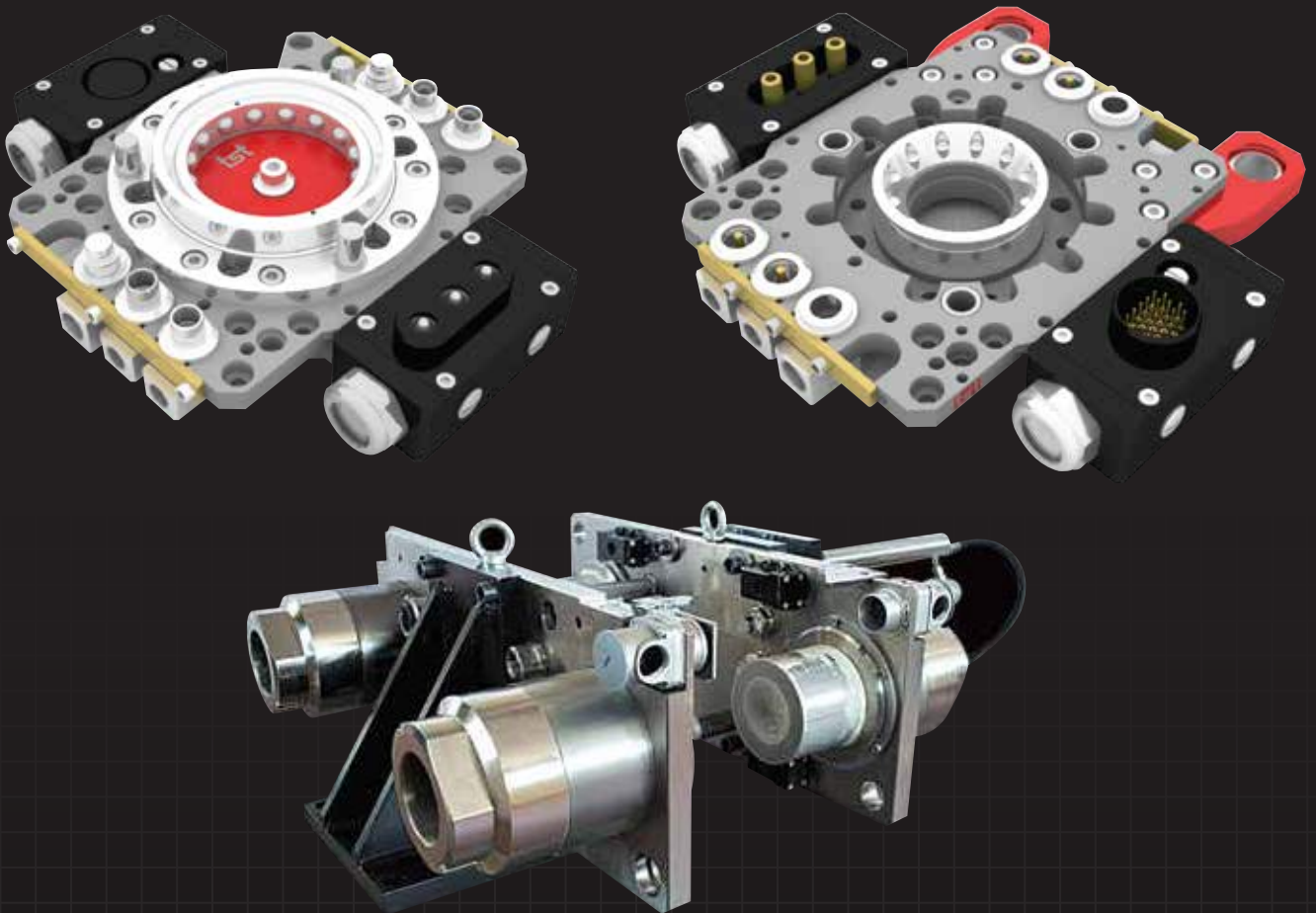




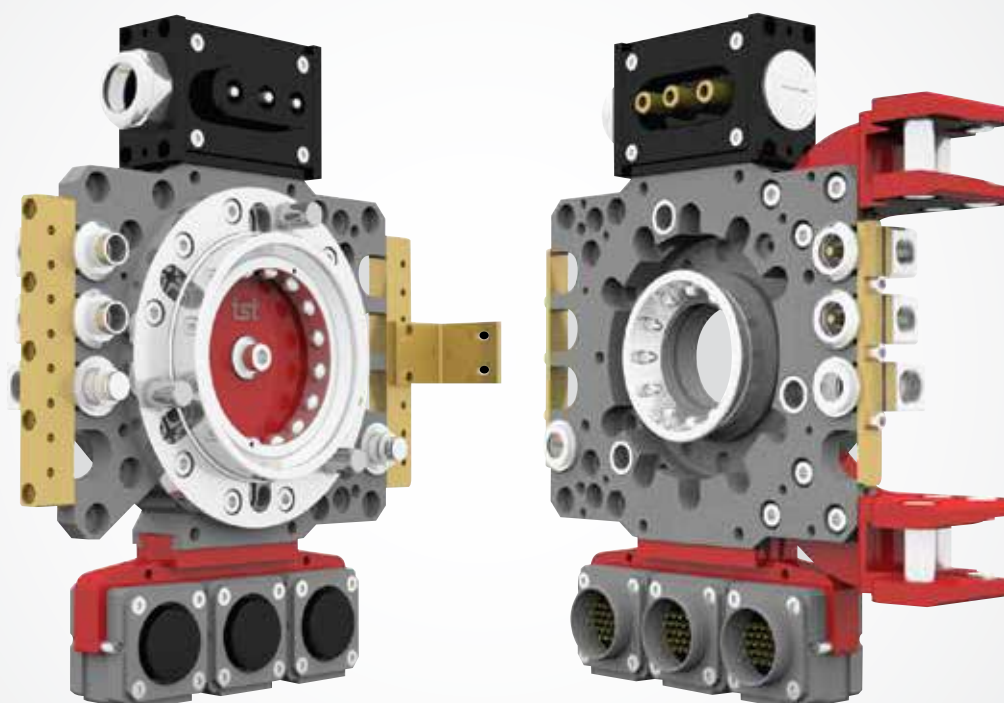
CONNECTOR TECHNOLOGY
AUTOMATION IN ROBOT-DOCKING AND TOOL-CHANGING SYSTEMS



TOOL
CHANGER **218**



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TOOL CHANGER

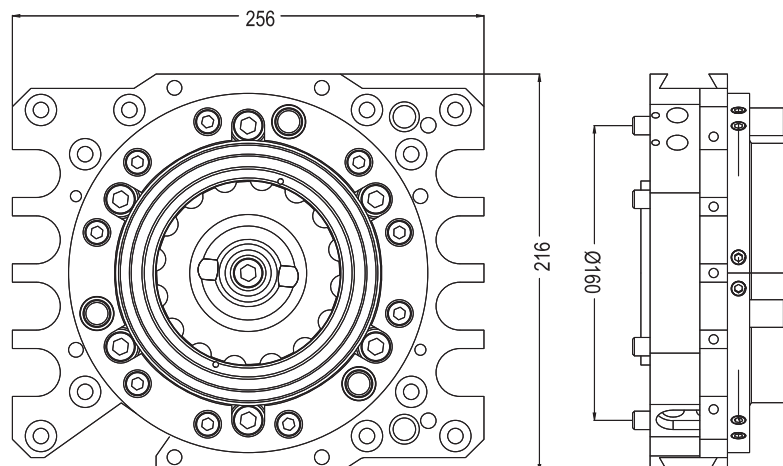
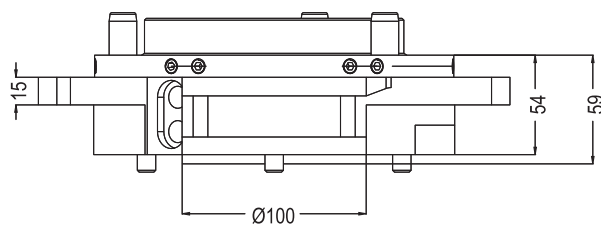
218

SERIE



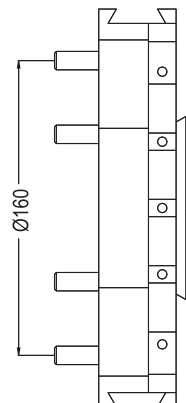
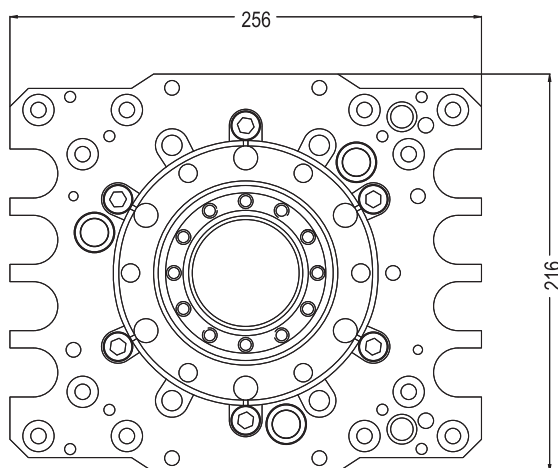
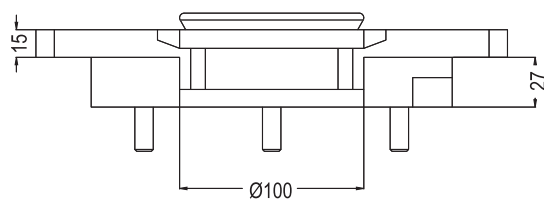


BASIC SERIE
MM218.E00.S000.A00.K0000.04



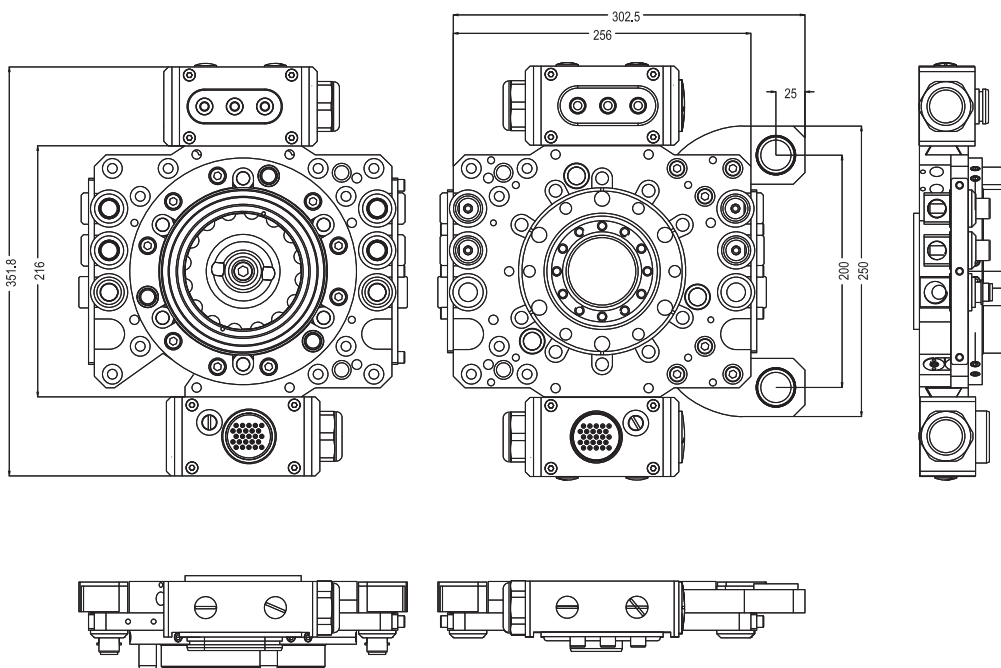


BASIC SERIE
MK218.E00.S000.A00.K0000.04



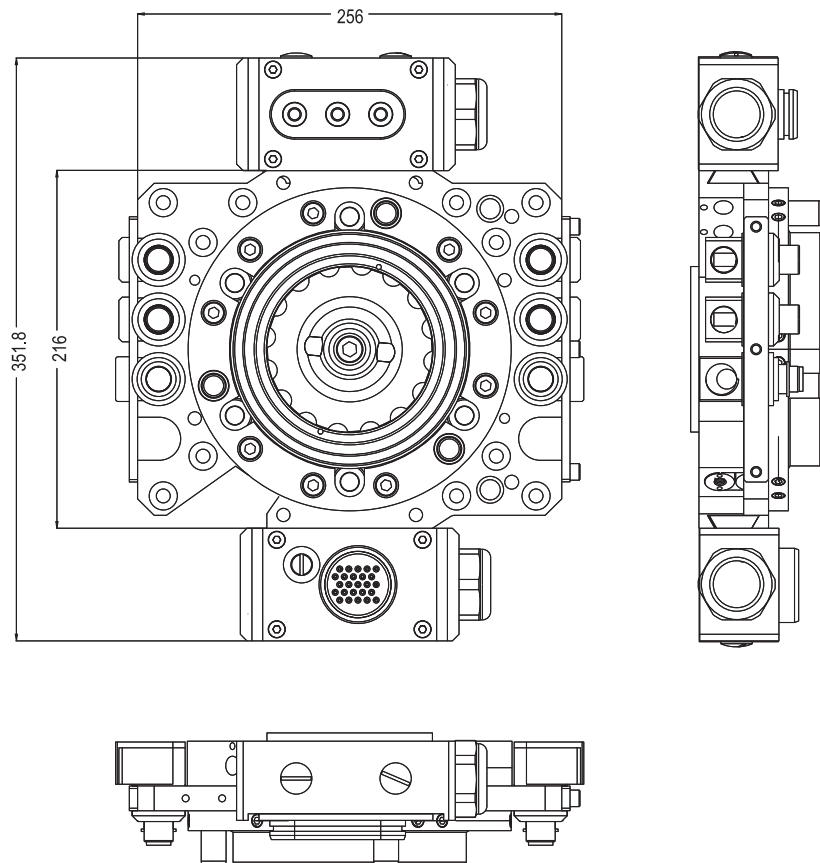


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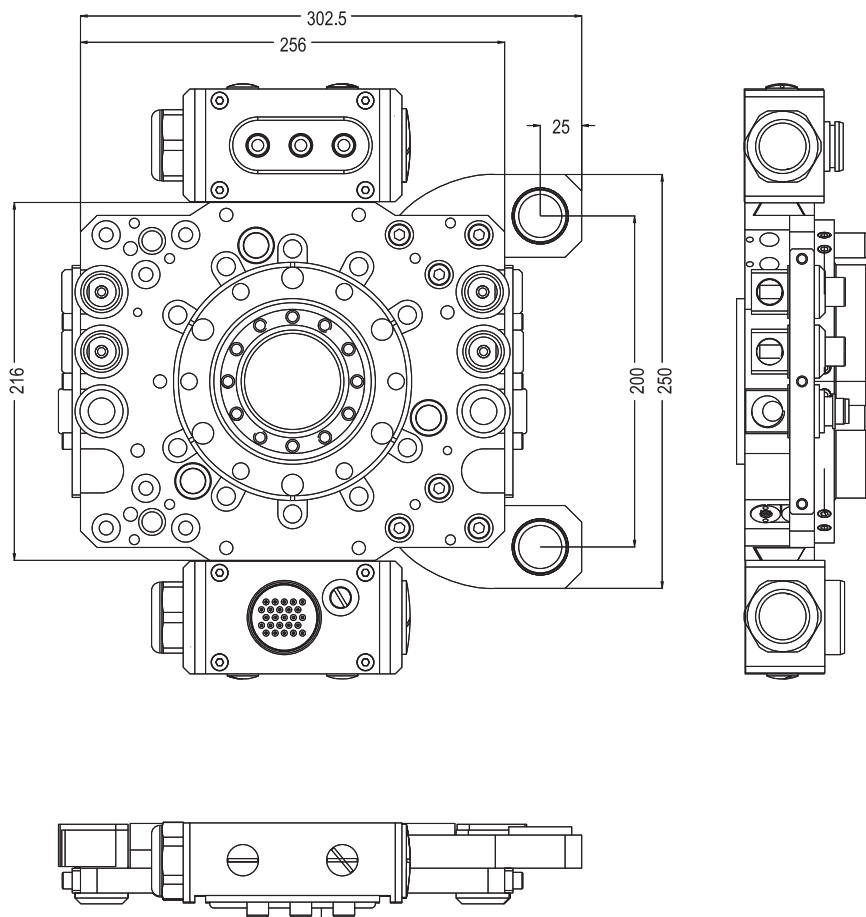


MM218.E03.S025.A00.K4217.02



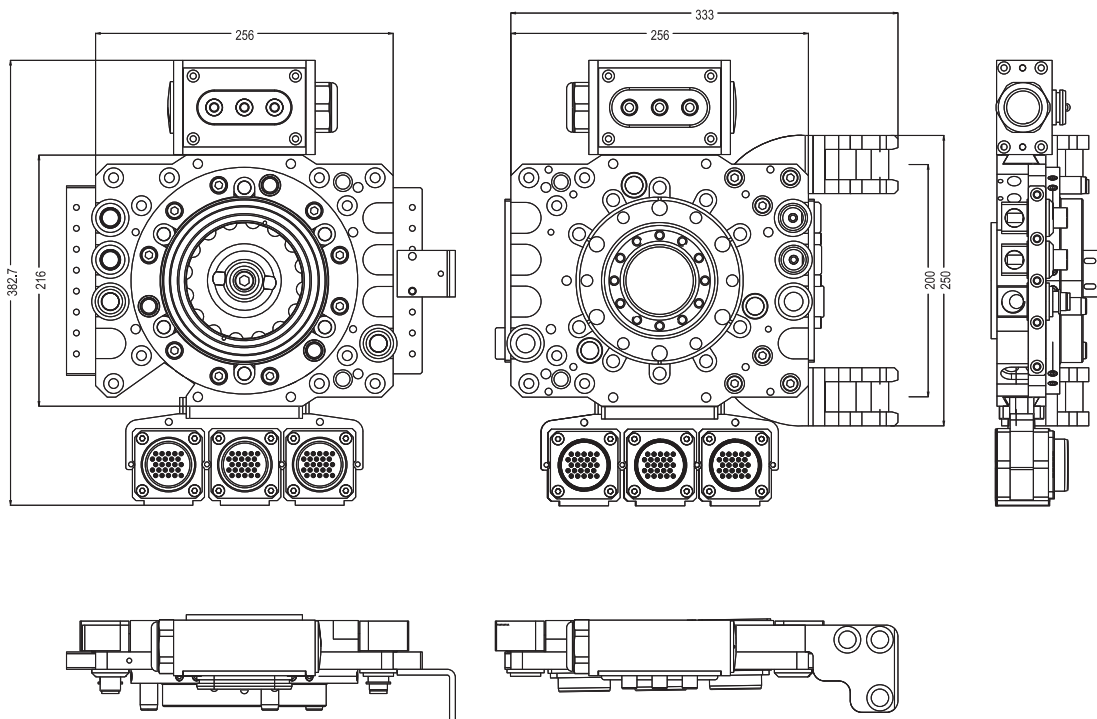


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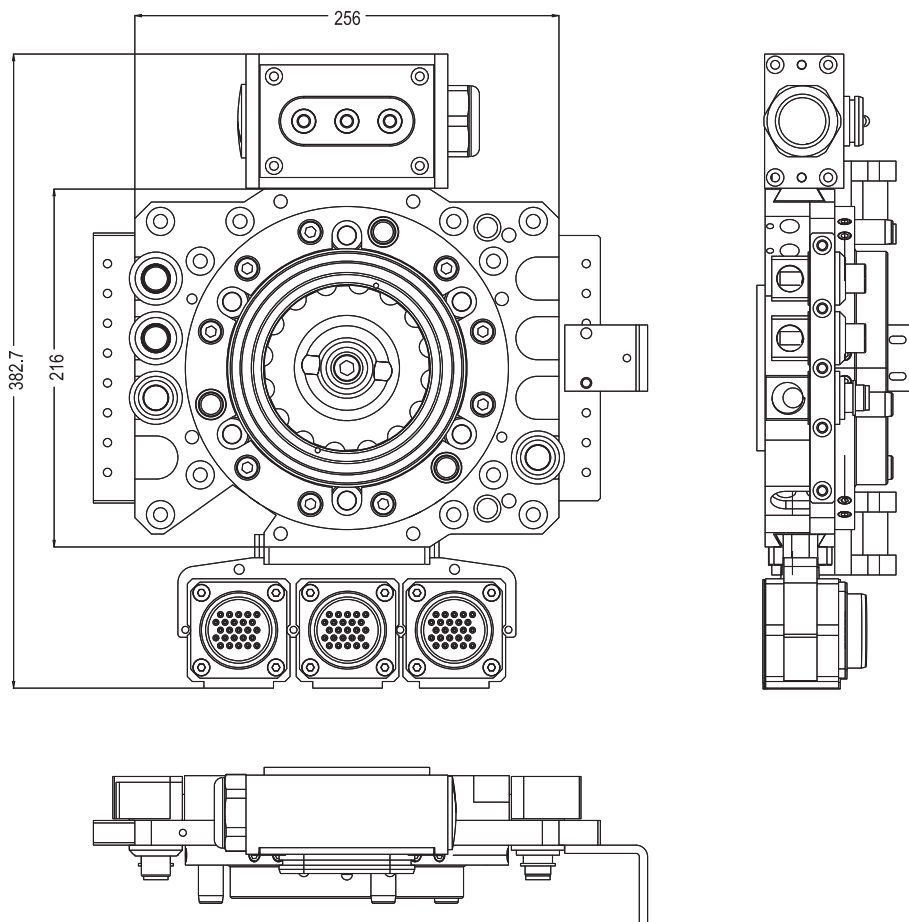


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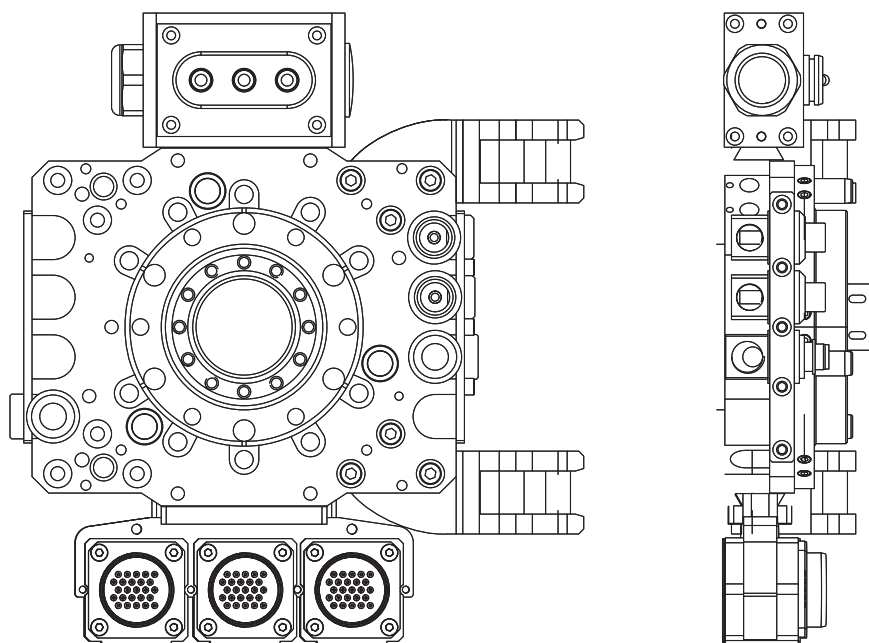


MM218.E03.S325.A00.K2221.02





MK218.E03.S325.A01.K2221.03





MK218 KR 150
Tool side bearing righth



MK218 KL 150
Tool side bearing left



MMK218 ST 210
Assembly group plug girder
(three-way)



MK218 KR 120
Tool side fine bearing righth



MK218 KL 120
Tool side fine bearing left



MM218 DS 003-VBK
Robot side housing with Ø14mm,
2+PE socket contacts



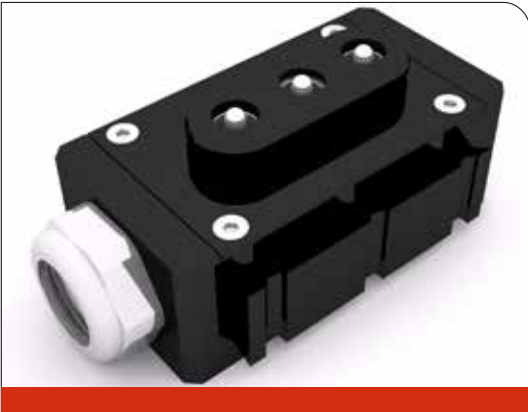
MK218 ES 003-VBK
Tool side housing with Ø14mm,
2+PE pin contacts



MM218 DSK 003-VBK
Robot side housing without Ø14mm,
2+PE sockets



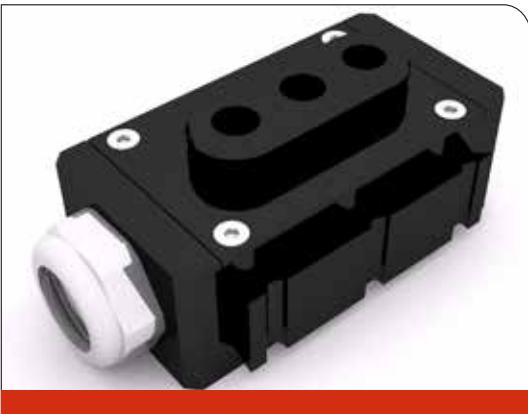
MK218 ESK 003-VBK
Tool side housing without Ø14mm,
2+PE pins



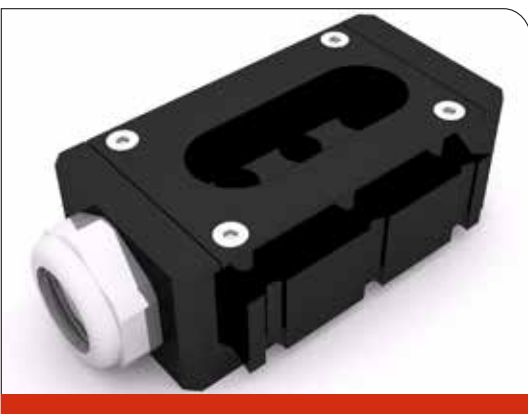
MM218 DS 003
Robot side housing with Ø14mm,
2+PE socket contacts



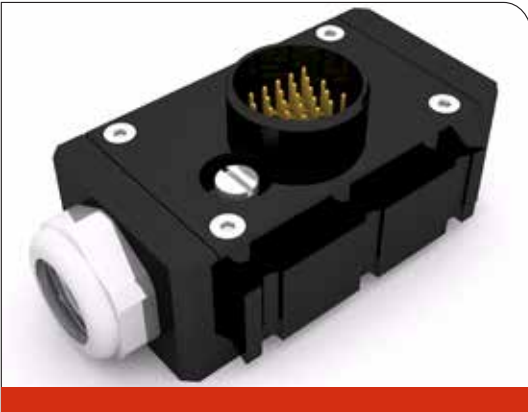
MK218 ES 003
Tool side housing with Ø14mm,
2+PE pin contacts



MM218 DSK 003
Robot side housing without Ø14mm,
2+PE socket contacts



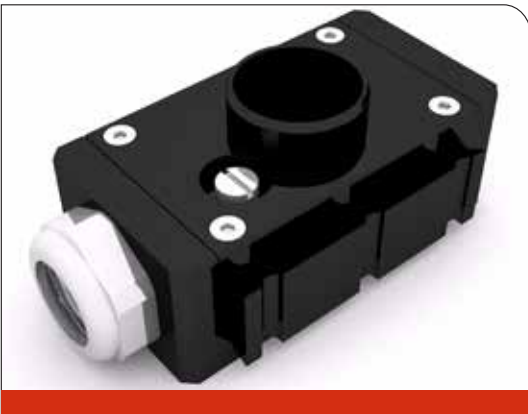
MK218 ESK 003
Tool side housing without Ø14mm,
2+PE pin contacts



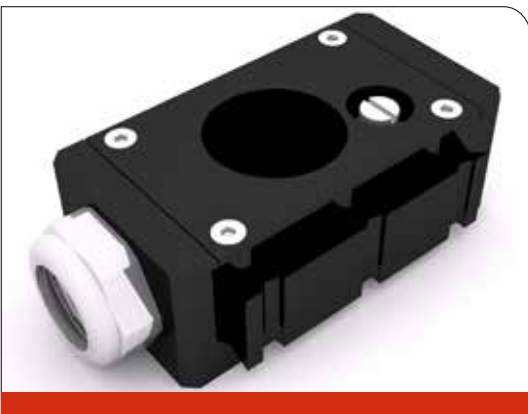
MK218 ES 025
Tool side squarely 24+PE pin contacts



MM218 DS 025
Robot side squarely housing with
24+PE socket contacts



MK218 ESK 025
Tool side squarely housing without
24+PE pin contacts



MM218 DSK 025
Robot side squarely housing without
24+PE socket contacts



MK218 EF 014
Tool side Ø14mm pin contact for power



MM218 ES 014
Robot side Ø14mm socket contact for power



MMK218 EFS 014
Robot & Tool side Ø14mm
pin and socket contact for power



MM218 SKK 000
Robot side 360.06 socket housing protecting cup



MM218 DS 125
Robot side squarely 360.03 socket housing
with 24+PE



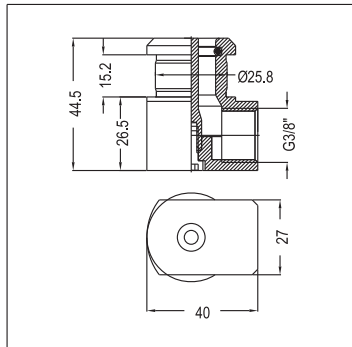
MK218 ES 125
Tool side squarely 360.03 pin housing
with, pins 24+PE



MM218 DSK 125
Robot side squarely 360.03 socket housing



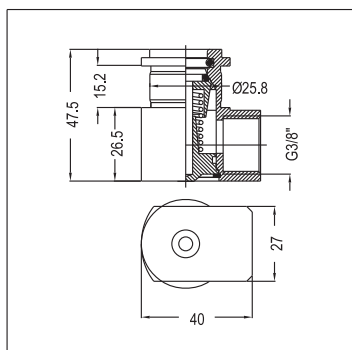
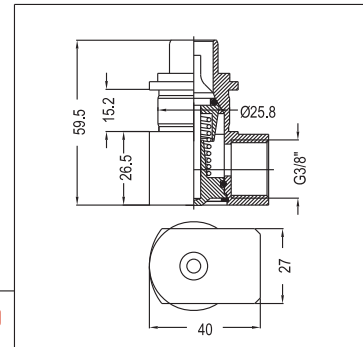
MK218 ESK 125
Side squarely 360.03 pin housing



218.10 DGF 17-90

Female Threaded Air Coupler

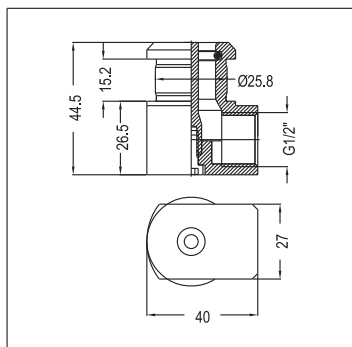
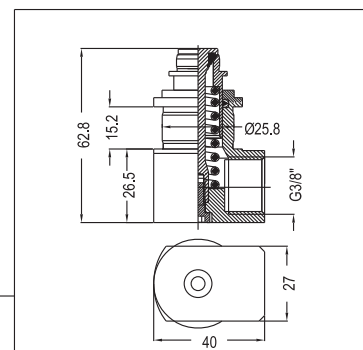
218.10 DUB 17-90



218.10 DUB 17-90-01

Female Threaded Water Coupler

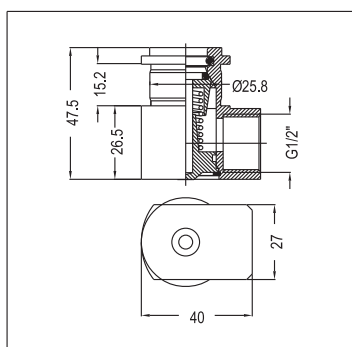
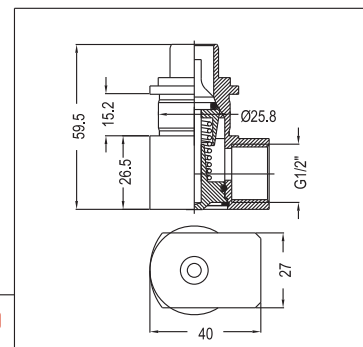
218.10 DGB 17-90



218.10 DGF 21-90

Female Threaded Air Coupler

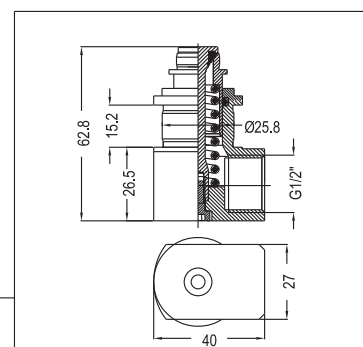
218.10 DUB 21-90



218.10 DUB 21-90-01

Female Threaded Water Coupler

218.10 DGB 21-90



Interchangeability
Walther Robot Couplers DN-10

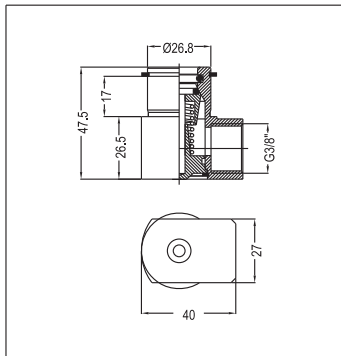
Flow Capacity
NW 10 (78 mm Sq.)

Temperature Range
-10°C, +180°C (+15°F, +356°F)

Working Pressure
0-6 Bar, (0-87 PSI)

Water Coupler
Body = AISI-303 SSteel
Spring = Stainless Steel
Seal = FPM (V)
Plug = AISI-303 SSteel

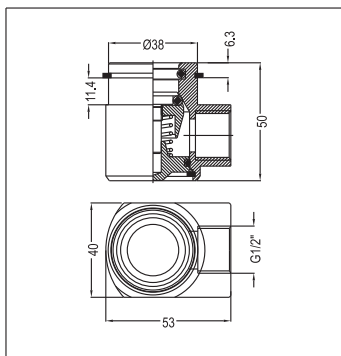
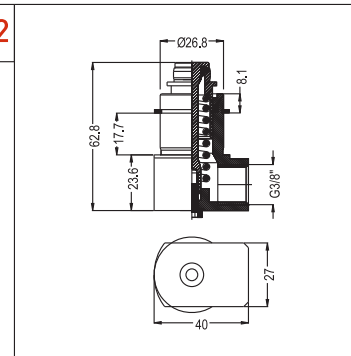
Air Coupler
Body = Alü-Black Coat
Spring = Stainless Steel
Seal = FPM (V)
Plug = Alü-Black Coat



218.12 DGB 17-90-02

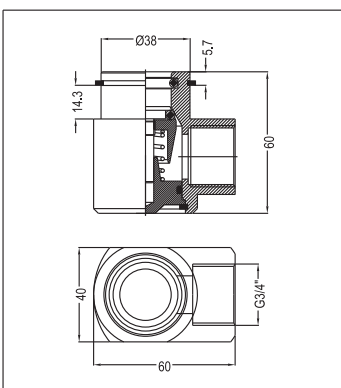
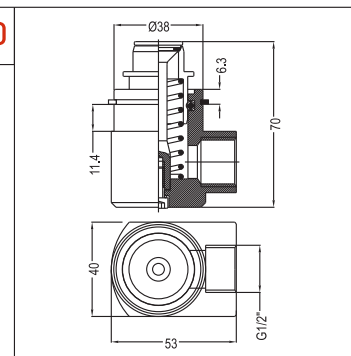
(For OBARA)

218.10 DUB 17-90-02



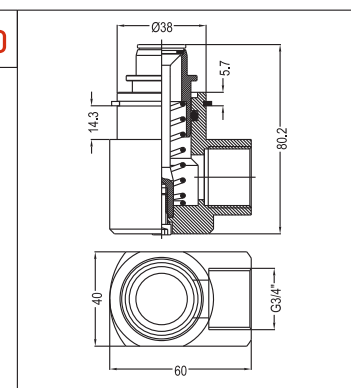
218.12 DGB 21-90

218.12 DUB 21-90



218.16 DUB 26-90

218.16 DUB 26-90



Interchangeability
Walther Robot Couplers DN-10

Temperature Range
-10°C, +180°C (+15°F, +356°F)

Working Pressure
0-6 Bar, (0-87 PSI)

Flow Capacity
NW 10 (78 mm Sq.)
NW 12 (113 mm Sq.)
NW 16 (200 mm Sq.)

Water Coupler
Body = AISI-303 SSteel
Spring = Stainless Steel
Seal = FPM (V)
Plug = AISI-303 SSteel



EK218 BT24-M
Blue Button



EK218 BT24-Y
Green Button

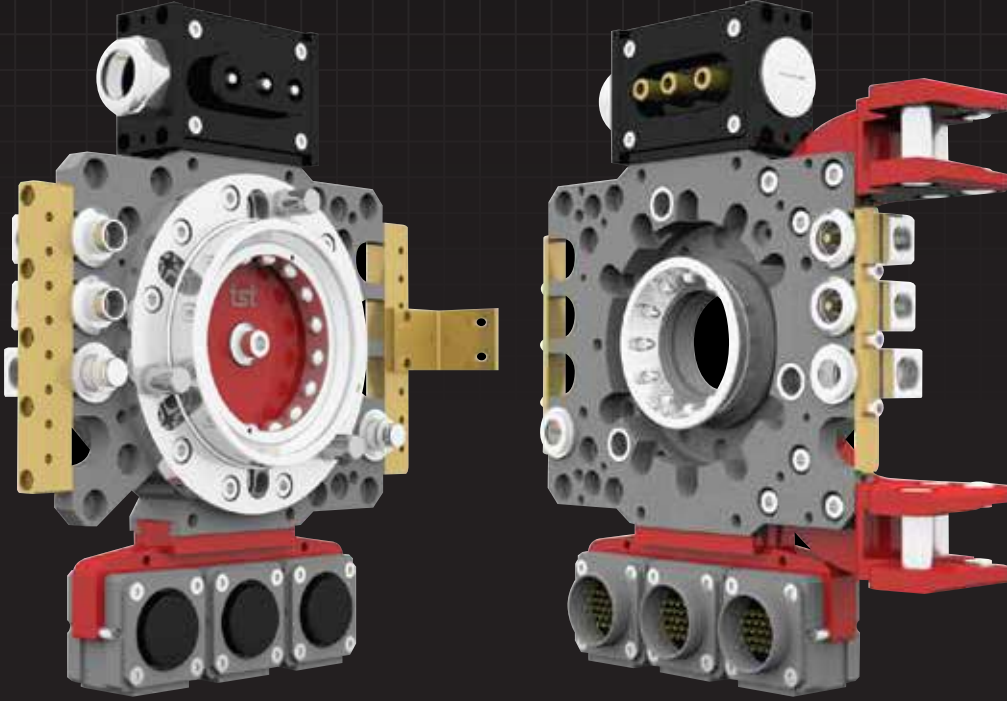


EK218 BT24-S
Black Button



EK218 BT24-K
Red Button

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