

BW - DiP - Distribution Planning - Core query /!\ Obsolete /!\



The new wiki link for this data flow is here:

[BW - DiP - Distribution Planning - Core query](#)

Please update the new doc there and no longer here.



i The objective of this documentation is not to allow to recreate from scratch the object but to **explain everything that is not obvious** by looking directly at the query/workbook or **emphases on things that are important** for the report to work.

Remove the sections that are not relevant.

Description	BW - DIP - Distribution Planning - Core Query
Technical Name	BW_QRY_CPDYN13_0001
Application	DiP - Distribution Planning
Info-provider	Composite CPDYN13
Usage type	Direct execution via Analysis
Expected users	

- [Workbook/Query General Description](#)
- [General parameters](#)
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Workbook/Query General Description

Main query with all Kpi's coming from DIP Dynasys tool.

General parameters

Global properties

Tab	Screenshot	Comment
General		

Planning	<p>▼ Planning</p> <p><input type="checkbox"/> Start Query in Input Mode</p> <p><input type="checkbox"/> Symmetrical Calculation Mode</p> <p><input type="checkbox"/> New Lines on Every Level</p> <p><input type="checkbox"/> Always Disaggregate to All Valid Combinations</p>	
Extended	<p>▼ Extended</p> <p>Request Status: < default ></p> <p>Cold Store (Nearline) Access: < default > - Setting from InfoProvider</p> <p>Document Links for: <input type="checkbox"/> InfoProvider Data</p> <p><input type="checkbox"/> Master Data</p> <p><input type="checkbox"/> Metadata</p>	

Variables

Definitions













Variable Name	Info-object	Selection Type	Required	Description /Explanation
CALMONT2 Calendar Month/Year (Interval, Mandatory)	0CALMONTH	Interval/Mandatory/ManualEntry	Yes	
V_CPFCTR1_2_0008 BFC GBU (Select option, Optional)	CPFCTR1_2	SelectionOption/Optional /ManualEntry	No	
V_0CURRENCY_0006 Currency (Single value, Mandatory)		SingleValue/Mandatory	Yes	
VBASE_UOM_05 UoM for Qty conv. (Single value, Mandatory)		SingleValue/Mandatory	Yes	
V_C_MATNR2_0001 Material (Select option, Optional)	C_MATNR2	SelectionOption/Optional /ManualEntry	No	
VPROD_HIER Product Hierarchy (Select option, Optional)	C_MATNR2_0PROD_HIER	SelectionOption/Optional /ManualEntry	No	
C_MATNR2_C_MAT_GRP_0001 Material group (Select option, Optional)	C_MATNR2_C_MAT_GRP	SelectionOption/Optional /ManualEntry	No	
V_C_DYN_083 Plant (Select option, Optional)	C_DYN_083	SelectionOption/Optional /ManualEntry	No	
V_C_DYN_062 S&OP Planner (Plant) (Select option, Optional)	C_DYN_074_C_DYN_062	SelectionOption/Optional /ManualEntry	No	
V_C_DYN_024_001 Site (Select option, Optional)	C_DYN_024	SelectionOption/Optional /ManualEntry	No	
V_C_DYN_079_001 BFC Market (Site) (Select option, Optional)	C_DYN_084_C_DYN_079	SelectionOption/Optional /ManualEntry	No	
V_C_DYN_084_C_DYN_077_001 Zone S&OP (Site) (Select option, Optional)	C_DYN_084_C_DYN_077	SelectionOption/Optional /ManualEntry	No	
V_C_PFCTR1_0001 ERP GBU (Authorization without input)	C_PFCTR1	SelectionOption/Optional /Authorization	No	
V_C_COMPDE_C_AUTHMA_001 Auth Scope on Company Code (Auth without input)	C_COMPDE_C_AUTHMA	SelectionOption/Optional /Authorization	No	

V_C_AUTHMA_0001 Authorization Scope (Authorization, No input)	C_PLANT__C_AUTHMA	SelectionOption/Optional /Authorization	No	
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Variable Sequence

Variables Order

Variables

-  [CALMONT2] Calendar Month/Year (Interval, Mandatory)
-  [V_CPFCTR1_2_0008] BFC GBU (Selection Option, Optional)
-  [V_OCURRENCY_0006] Currency
-  [VBASE_UOM_05] UoM for Qty conversion (Single value, Mandatory)
-  [V_C_MATNR2_0001] Material (Select option, Optional)
-  [VPROD_HIER] Product Hierarchy (Selection option, optional)
-  [C_MATNR2_C_MAT_GRP_0001] Material Group (Selection Option, Optional)
-  [V_C_DYN_083] Plant (Selection Option, Optional)
-  [V_C_DYN_062] S&OP Planner (Plant) (Selection Option, Optional)
-  [V_C_DYN_024_001] Site (Selection Option, Optional)
-  [V_C_DYN_079_001] BFC Market (Site) (Selection Option, Optional)
-  [V_C_DYN_084_C_DYN_077_001] Zone S&OP (Site) (Selection Option, Optional)

Filters

Object	Filter Value	Explanation





























No filters used in the query.

Key figures

Sheet Definition: BW_QRY_CPDYN13_0001 - BW - DIP - Distribution Planning - Core Query

Columns

Key Figures

-  [BW_RKF_CPDYN13_0008] Past and future demand
-  [BW_RKF_CPDYN13_0009] Final forecast from DP (ETD)
-  [BW_RKF_CPDYN13_0010] Final forecast from DP (ETA)
-  [BW_RKF_CPDYN13_0011] Actual Shipped and final demand (ETD)
-  [BW_RKF_CPDYN13_0012] Backorders in ETD
-  [BW_RKF_CPDYN13_0013] Shipping requirements as validated (ETD)
-  [BW_RKF_CPDYN13_0014] Shipping plan as validated (ETD)
-  [BW_RKF_CPDYN13_0015] Constraint demand (ETA)
-  [BW_RKF_CPDYN13_0016] Purchase plan (ETA)
-  [BW_RKF_CPDYN13_0028] Firm Receipt ETA
-  [BW_RKF_CPDYN13_0029] Internal flows ETD
-  [BW_RKF_CPDYN13_0030] External flows ETD
-  [BW_RKF_CPDYN13_0036] External flows detailed ETD
-  [BW_RKF_CPDYN13_0032] Shipping requirements ETD
-  [BW_RKF_CPDYN13_0033] Receipt Plan ETA
-  [BW_RKF_CPDYN13_0035] Firm Shipments ETD
-  [BW_RKF_CPDYN13_0037] Shipping plan
-  [BW_RKF_CPDYN13_0046] Firm shipping requirements (ETD)
-  [BW_RKF_CPDYN13_0039] Actuals shipped ETD
-  [BW_RKF_CPDYN13_0001] **Available inventory as validated**
-  [BW_RKF_CPDYN13_0002] Final Safety Stock
-  [BW_RKF_CPDYN13_0003] Cycle Stock
-  [BW_RKF_CPDYN13_0004] Available inventory (Budget)
-  [BW_RKF_CPDYN13_0005] Physical Inventory
-  [BW_RKF_CPDYN13_0006] In transit inventory from SAP (ETA)
-  [BW_RKF_CPDYN13_0007] Projected Inventory value
-  [BW_RKF_CPDYN13_0026] Safety stock v3
-  [BW_RKF_CPDYN13_0027] Initial inventory
- [BW_RKF_CPDYN13_0031] Projected Transit inventory ETA
- [BW_RKF_CPDYN13_0038] Safety Stock (SAP)

Columns
<input type="checkbox"/> [BW_RKF_CPDYN13_0041] Actuals & Projected Inventory
<input type="checkbox"/> [BW_RKF_CPDYN13_0017] Production Plan as validated
<input type="checkbox"/> [BW_RKF_CPDYN13_0018] Production Capacity
<input type="checkbox"/> [BW_RKF_CPDYN13_0034] Internal consumption
<input type="checkbox"/> [BW_RKF_CPDYN13_0040] Actual Production
<input type="checkbox"/> [BW_RKF_CPDYN13_0019] Production plan by resource as validated
<input type="checkbox"/> [BW_RKF_CPDYN13_0020] Available capacity in Hours
<input type="checkbox"/> [BW_RKF_CPDYN13_0021] Production requirements
<input type="checkbox"/> [BW_RKF_CPDYN13_0024] Balance
<input type="checkbox"/> [BW_RKF_CPDYN13_0025] Cumulative Balance
<input type="checkbox"/> [BW_CKF_CPDYN13_0001] Load %
<input type="checkbox"/> [BW_CKF_CPDYN13_0002] Scheduled %
<input type="checkbox"/> [BW_RKF_CPDYN13_0042] Unit Purchase cost in €
<input type="checkbox"/> [BW_RKF_CPDYN13_0043] Budget production Plan
<input type="checkbox"/> [BW_RKF_CPDYN13_0044] Budget Shipping requirement ETD
<input type="checkbox"/> [BW_RKF_CPDYN13_0045] Budget Shipping Plan ETD
<input type="checkbox"/> [BW_RKF_CPDYN13_0047] Budget Final Demand ETD
<input type="checkbox"/> [BW_RKF_CPDYN13_0048] Budget Working stock
<input type="checkbox"/> [BW_RKF_CPDYN13_0049] Budget Forecast from DP (ETA)
<input type="checkbox"/> [BW_RKF_CPDYN13_0050] Budget Forecast from DP (ETD)
<input type="checkbox"/> [BW_RKF_CPDYN13_0051] BFR Forecast from DP (ETA)
<input type="checkbox"/> [BW_RKF_CPDYN13_0052] BFR Forecast from DP (ETD)
<input type="checkbox"/> [BW_RKF_CPDYN13_0053] Blocked Stock
<input type="checkbox"/> [BW_RKF_CPDYN13_0054] QM Batch
<input type="checkbox"/> [BW_RKF_CPDYN13_0055] Restricted stock
<input type="checkbox"/> [BW_RKF_CPDYN13_0056] Planned shutdown
<input type="checkbox"/> [BW_RKF_CPDYN13_0057] Anticipated inventory
<input type="checkbox"/> [BW_RKF_CPDYN13_0058] Demand Review (ETA)
<input type="checkbox"/> [BW_RKF_CPDYN13_0059] Shortages (ETA)
<input type="checkbox"/> [BW_RKF_CPDYN13_0060] Overall Equipment Effectiveness (OEE)
<input type="checkbox"/> [BW_RKF_CPDYN13_0061] Maximum Daily Capacity (MDC)

<input type="checkbox"/> [BW_RKF_CPDYN13_0062] Working Stock
<input type="checkbox"/> [BW_RKF_CPDYN13_0063] Working stock as validated
<input type="checkbox"/> [BW_CKF_CPDYN13_0003] Orderbook (ETD)
<input type="checkbox"/> [BW_CKF_CPDYN13_0004] Forecast consumption ETD %
<input type="checkbox"/> [BW_RKF_CPDYN13_0064] Order book requested ETD
<input type="checkbox"/> [BW_RKF_CPDYN13_0065] Order book confirmed or requested ETD
<input type="checkbox"/> [BW_RKF_CPDYN13_0066] Final demand as validated ETD
<input type="checkbox"/> [BW_RKF_CPDYN13_0067] Gross requirements
<input type="checkbox"/> [BW_RKF_CPDYN13_0068] Production planned (H)
<input type="checkbox"/> [BW_RKF_CPDYN13_0069] Production Capacity (H)
<input type="checkbox"/> [BW_RKF_CPDYN13_0070] Final forecast from DP (ETA) M-1
<input type="checkbox"/> [BW_RKF_CPDYN13_0071] Final forecast from DP (ETD) M-1

Description	Display	Type	Conversion Type
Past & Future Demand	Available but not displayed by default	BW_RKF_CPDYN13_0008 (Past & Future Demand)	QCT_MATNR5
Final forecast from DP (ETD)	Available but not displayed by default	BW_RKF_CPDYN13_0009 (Final forecast from DP (ETD))	QCT_MATNR5
Final forecast from DP (ETA)	Available but not displayed by default	BW_RKF_CPDYN13_0010 (Final forecast from DP (ETA))	QCT_MATNR5
Actual Shipped and final demand (ETD)	Available but not displayed by default	BW_RKF_CPDYN13_0011 (Actual Shipped and final demand (ETD))	
Backorders in ETD	Available but not displayed by default	BW_RKF_CPDYN13_0012 (Backorders in ETD)	QCT_MATNR5
Shipping requirements as validated (ETD)	Available but not displayed by default	BW_RKF_CPDYN13_0013 (Shipping requirements as validated (ETD))	QCT_MATNR5
Shipping plan as validated (ETD)	Available but not displayed by default	BW_RKF_CPDYN13_0014 (Shipping plan as validated (ETD))	QCT_MATNR5
Constraint demand (ETA)	Available but not displayed by default	BW_RKF_CPDYN13_0015 (Constraint demand (ETA))	QCT_MATNR5
Purchase plan (ETA)	Available but not displayed by default	BW_RKF_CPDYN13_0016 (Purchase plan (ETA))	QCT_MATNR5

Firm Receipt ETA	Available but not displayed by default	BW_RKF_CPDYN13_0028 (Firm Receipt ETA)	QCT_MATNR5
Internal flows ETD	Available but not displayed by default	BW_RKF_CPDYN13_0029 (Internal flows ETD)	QCT_MATNR5
External flows ETD	Available but not displayed by default	BW_RKF_CPDYN13_0030 (External flows ETD)	QCT_MATNR5
External flows detailed ETD	Available but not displayed by default	BW_RKF_CPDYN13_0036 (External flows detailed ETD)	QCT_MATNR5
Shipping requirements ETD	Available but not displayed by default	BW_RKF_CPDYN13_0032 (Shipping requirements ETD)	QCT_MATNR5
Receipt Plan ETA	Available but not displayed by default	BW_RKF_CPDYN13_0033 (Receipt Plant ETA)	QCT_MATNR5
Firm Shipments ETD	Available but not displayed by default	BW_RKF_CPDYN13_0035 (Firm Shipments ETD)	QCT_MATNR5
Shipping plan	Available but not displayed by default	BW_RKF_CPDYN13_0037 (Shipping plan)	QCT_MATNR5
Firm shipping requirements (ETD)	Available but not displayed by default	BW_RKF_CPDYN13_0046 (Firm shipping requirements (ETD))	QCT_MATNR5
Actuals shipped ETD	Available but not displayed by default	BW_RKF_CPDYN13_0039 (Actuals shipped ETD)	QCT_MATNR5
Available inventory as validated	Displayed by default	BW_RKF_CPDYN13_0001 (Available inventory as validated)	QCT_MATNR5
Final Safety Stock	Available but not displayed by default	BW_RKF_CPDYN13_0002 (Final Safety Stock)	QCT_MATNR5
Cycle Stock	Available but not displayed by default	BW_RKF_CPDYN13_0003 (Cycle Stock)	QCT_MATNR5
Available inventory (Budget)	Available but not displayed by default	BW_RKF_CPDYN13_0004 (Available inventory (Budget))	QCT_MATNR5
Available inventory + Blocked	Available but not displayed by default	BW_RKF_CPDYN13_0005(Physical Inventory)	QCT_MATNR5
In transit inventory from SAP (ETA)	Available but not displayed by default	BW_RKF_CPDYN13_0006 (In transit inventory from SAP (ETA))	QCT_MATNR5
Inventory value	Available but not displayed by default	BW_RKF_CPDYN13_0007 (Projected Inventory value)	CTK_CAR4_M
Safety stock v3	Available but not displayed by default	BW_RKF_CPDYN13_0026 (Safety stock v3)	QCT_MATNR5
Initial inventory	Available but not displayed by default	BW_RKF_CPDYN13_0027 (Initial Stock)	QCT_MATNR5
Projected Transit inventory ETA	Available but not displayed by default	BW_RKF_CPDYN13_0031 (Projected Transit inventory ETA)	QCT_MATNR5
Safety Stock (SAP)	Available but not displayed by default	BW_RKF_CPDYN13_0038 (Safety Stock (SAP))	QCT_MATNR5
Actuals & Projected Inventory	Available but not displayed by default	BW_RKF_CPDYN13_0041 (Actuals & Projected Inventory)	QCT_MATNR5
Production Plan as validated	Available but not displayed by default	BW_RKF_CPDYN13_0017 (Production Plan as validated)	QCT_MATNR5
Production capacity	Available but not displayed by default	BW_RKF_CPDYN13_0018 (Production capacity)	QCT_MATNR5
Internal consumption	Available but not displayed by default	BW_RKF_CPDYN13_0034 (Internal consumption)	QCT_MATNR5
Actual Production	Available but not displayed by default	BW_RKF_CPDYN13_0040 (Actual Production)	QCT_MATNR5
Production plan by resource as validated	Available but not displayed by default	BW_RKF_CPDYN13_0019 (Production plan by resource as validated)	QCT_MATNR5
Available capacity in Hours	Available but not displayed by default	BW_RKF_CPDYN13_0020 (Available capacity in Hours)	
Production requirements	Available but not displayed by default	BW_RKF_CPDYN13_0021 (Production requirements)	QCT_MATNR5
Balance	Available but not displayed by default	BW_RKF_CPDYN13_0024 (Balance)	QCT_MATNR5
Cumulative Balance	Available but not displayed by default	BW_RKF_CPDYN13_0025 (Cumulative Balance)	QCT_MATNR5

Load %	Available but not displayed by default	BW_CKF_CPDYN13_0001 (Load %)	
Scheduled %	Available but not displayed by default	BW_CKF_CPDYN13_0002 (Scheduled %)	
Unit Purchase cost in €	Available but not displayed by default	BW_RKF_CPDYN13_0042 (Unit Purchase cost in €)	CTK_CAR4_M
Budget production Plan	Available but not displayed by default	BW_RKF_CPDYN13_0043 (Budget production Plan)	QCT_MATNR5
Budget Shipping requirement ETD	Available but not displayed by default	BW_RKF_CPDYN13_0044 (Budget Shipping requirement ETD)	CTK_CAR4_M
Budget Shipping Plan ETD	Available but not displayed by default	BW_RKF_CPDYN13_0045 (Budget Shipping Plan ETD)	CTK_CAR4_M
Budget Final Demand ETD	Available but not displayed by default	BW_RKF_CPDYN13_0047 (Budget Final Demand ETD)	QCT_MATNR5
Budget Working stock	Available but not displayed by default	BW_RKF_CPDYN13_0048 (Budget Working stock)	QCT_MATNR5
Budget Forecast from DP (ETA)	Available but not displayed by default	BW_RKF_CPDYN13_0049 (Budget Forecast from DP (ETA))	QCT_MATNR5
Budget Forecast from DP (ETD)	Available but not displayed by default	BW_RKF_CPDYN13_0050 (Budget Forecast from DP (ETD))	QCT_MATNR5
BFR Forecast from DP (ETA)	Available but not displayed by default	BW_RKF_CPDYN13_0051 (BFR Forecast from DP (ETA))	QCT_MATNR5
BFR Forecast from DP (ETD)	Available but not displayed by default	BW_RKF_CPDYN13_0052 (BFR Forecast from DP (ETD))	QCT_MATNR5
Blocked Stock	Available but not displayed by default	BW_RKF_CPDYN13_0053 (Blocked Stock)	QCT_MATNR5
QM Batch	Available but not displayed by default	BW_RKF_CPDYN13_0054 (QM Batch)	QCT_MATNR5
Restricted stock	Available but not displayed by default	BW_RKF_CPDYN13_0055 (Restricted stock)	QCT_MATNR5
Planned shutdown	Available but not displayed by default	BW_RKF_CPDYN13_0056 (Planned shutdown)	QCT_MATNR5
Anticipated inventory	Available but not displayed by default	BW_RKF_CPDYN13_0057 (Anticipated inventory)	QCT_MATNR5
Demand Review (ETA)	Available but not displayed by default	BW_RKF_CPDYN13_0058 (Demand Review (ETA))	QCT_MATNR5
Shortages (ETA)	Available but not displayed by default	BW_RKF_CPDYN13_0059 (Shortages (ETA))	QCT_MATNR5
Overall Equipment Effectiveness (OEE)	Available but not displayed by default	BW_RKF_CPDYN13_0060 (Overall Equipment Effectiveness (OEE))	QCT_MATNR5
Maximum Daily Capacity (MDC)	Available but not displayed by default	BW_RKF_CPDYN13_0061 (Maximum Daily Capacity (MDC))	QCT_MATNR5
Working Stock	Available but not displayed by default	BW_RKF_CPDYN13_0062 (Working Stock)	QCT_MATNR5
Working stock as validated	Available but not displayed by default	BW_RKF_CPDYN13_0063 (Working stock as validated)	QCT_MATNR5
Orderbook (ETD)	Available but not displayed by default	BW_CKF_CPDYN13_0003 (Orderbook (ETD))	QCT_MATNR5
Forecast consumption ETD %	Available but not displayed by default	BW_CKF_CPDYN13_0004 (Forecast consumption ETD %)	
Order book requested ETD	Available but not displayed by default	BW_RKF_CPDYN13_0064 (Order book requested ETD)	QCT_MATNR5
Order book confirmed or requested ETD	Available but not displayed by default	BW_RKF_CPDYN13_0065 (Order book confirmed or requested ETD)	QCT_MATNR5
Final demand as validated ETD	Available but not displayed by default	BW_RKF_CPDYN13_0066 (Final demand as validated ETD)	QCT_MATNR5
Gross requirements	Available but not displayed by default	BW_RKF_CPDYN13_0067 (Gross requirements)	QCT_MATNR5
Production planned (H)	Available but not displayed by default	BW_RKF_CPDYN13_0068 (Production planned (H))	

Production Capacity (H)	Available but not displayed by default	BW_RKF_CPDYN13_0069 (Production Capacity (H))	
Final forecast from DP (ETA) M-1	Available but not displayed by default	BW_RKF_CPDYN13_0070 (Final forecast from DP (ETA) M-1)	QCT_MATNR5
Final forecast from DP (ETD) M-1	Available but not displayed by default	BW_RKF_CPDYN13_0071 (Final forecast from DP (ETD) M-1)	QCT_MATNR5

More details in the specification document here.

Characteristics

List of characteristics available here.

Cells

Conditions

Condition Name	Active By default	Key Figure (Structure)	Operator	Value	Characteristic Assignment

Exceptions

Exception Name	Active By default	Alert Level	Operator	Value	Other parameters (if different from default)
	Yes/No				