

DBC SERIES

H **VERSION**
Hydraulic Motor Drive

HYDRAULIC MOTOR

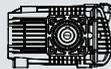
Nominal Displacement: 20mL/r
Rated Pressure: 160bar/2320psi
Rated Speed: 1700rpm
Output Torque: 40.3 N.m
Connection Port: M22x1.5 Female



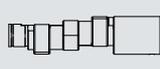
COMPONENTS



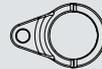
MANIFOLD
Brass Forged



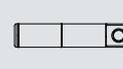
CRANKCASE
Aluminum Alloy



CRANKSHAFT
Forged Steel Alloy



CONNECTING ROD
Aluminum Alloy



PLUNGER
Coating Ceramic



PACKING
U Type Dual Seal

TECHNICAL DATA

Manifold:	Brass forged	Head Port:	Inlet 3/8", Outlet 1/2"
Crankcase:	Die-cast aluminum alloy, anodized	Unloader:	Banjo bolt, trap type
Connecting Rod:	One piece aluminum alloy	Unloader Port:	Inlet 3/4" (BSP or NH), Outlet 3/8" Quick Connect
Plunger:	Ceramic coating, precision grinded.	Oil Bath Capacity:	450ml (half level of oil gauge),
Packing:	U type, high-low dual pressure packing	Oil Type:	15W/40 Non-Detergent
Bearing:	Ball and needle bearing	Water Inlet Pressure:	0-50psi/3.5bar
Crankshaft:	Forged steel alloy, heat treatment, multiple process grinded	Max Inlet Water Temp.	≤ 50°C/122°F

MODEL	MAX FLOW		MAX PRESSURE		HYDRAULIC MOTOR				WEIGHT	SHIPPING SIZE
	GPM	LPM	PSI	BAR	GPM	LPM	PSI	BAR	KG	CM
DBC-1514H	3.1	11.7	2900	200	8.9	34	2300	160	13.6	43x41x26
DBC-1814H	4.7	17.8	2900	200	8.9	34	2300	160	13.6	43x41x26

OVERALL DIMENSION

