

# DBE SERIES

**H** **VERSION**  
Hydraulic Motor Drive

**HYDRAULIC MOTOR**

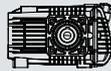
Nominal Displacement: 20mL/r  
Rated Pressure: 250bar/3620psi  
Rated Speed: 1700rpm  
Output Torque: 45.8 N.m  
Connection Port: M22x1.5 Female



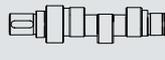
**COMPONENTS**



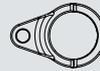
**MANIFOLD**  
Brass Forged



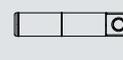
**CRANKCASE**  
Aluminum Alloy



**CRANKSHAFT**  
Forged Steel Alloy



**CONNECTING ROD**  
Aluminum Alloy



**PLUNGER**  
Coating Ceramic



**PACKING**  
U Type Dual Seal

**TECHNICAL DATA**

<b>Manifold:</b>	Brass forged	<b>Head Port:</b>	Inlet 3/4", Outlet 3/8"
<b>Crankcase:</b>	Die-cast aluminum alloy, anodized	<b>Unloader:</b>	Banjo bolt, trap type
<b>Connecting Rod:</b>	One piece aluminum alloy	<b>Unloader Port:</b>	Outlet M22, Bypass 1/2"
<b>Plunger:</b>	Ceramic coating, precision grinded.	<b>Oil Bath Capacity:</b>	550ml (half level of oil gauge),
<b>Packing:</b>	U type, high-low dual pressure packing	<b>Oil Type:</b>	15W/40 Non-Detergent
<b>Bearing:</b>	Ball and needle bearing	<b>Water Inlet Pressure:</b>	0-50psi/3.5bar
<b>Crankshaft:</b>	Forged steel alloy, heat treatment, multiple process grinded	<b>Max Inlet Water Temp.</b>	≤ 50°C/122°F

MODEL	MAX FLOW		MAX PRESSURE		HYDRAULIC MOTOR				WEIGHT	SHIPPING SIZE
	GPM	LPM	PSI	BAR	GPM	LPM	PSI	BAR	KG	CM
DBE-2218H	9.0	34	1600	110	9.0	34	3600	250	14.0	43x41x26
DBE-2518H	11.8	45	1300	90	9.0	34	3600	250	14.0	43x41x26

**OVERALL DIMENSION**

