LG rotary, compressor, model, QJS222PMA, 12700BTU 5.6Amps, EER = 10.7, air conditioner

written by Lilianne | 11 April 2021
LG rotary, compressor, model, QJS222PMA, 12700BTU 5.6Amps, EER = 10.7, air conditioner

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PH360G2C-4FTS1, 22000BTU, GMCC, Compressor rotary, 2 Ton, air conditioner, R22, refrigeration compressor , 50HZ 220V / 240V

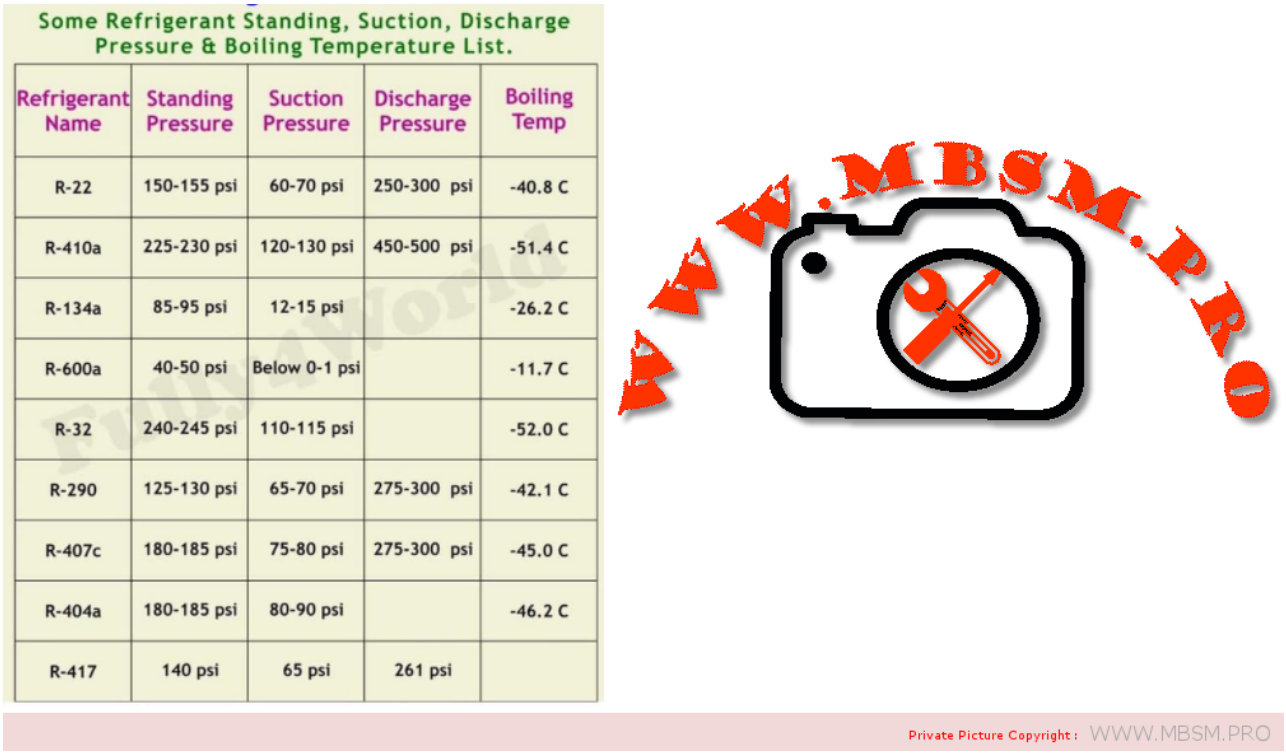
written by Lilianne | 11 April 2021



PH360G2C-4FTS1, 22000BTU, GMCC, Compressor rotary, air conditioner, R22, refrigeration compressor , 50HZ 220V / 240V

Pressure and boiling Temperature list, standing, Refrigerant, suction, discharge

written by Lilianne | 11 April 2021



Pressure and boiling Temperature list, standing, Refrigerant, sustion, discharge

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no frost, egl99aa zmc refrigerator, DF40, silver, ideal, zanussi, IDEAL ZANUSSI, EGL99AA ZMC, DF 40 Elgance, Compressor, ACC Cubigel, Huayi, Electrolux, ZEM GL99AA, GL99AA, LBP ,

R134a, 220-240V/1/50Hz, 1/4 HP, discharge 9.93 cm3, motor type RSIR, LRA 14.4A

written by Lilianne | 11 April 2021





Mbsm_dot_pro_private_PDF_GL99AA-compresseur-acc-cubigell-gl99aaTélécharger
Mbsm_dot_pro_private_PDF_GL99AATélécharger

Compressor ACC Cubigel Huayi Electrolux ZEM GL99AA, LBP – R134a, 220-240V/1/50Hz, 1/4 HP, discharge 9.93 cm3, motor type RSIR, LRA 14.4A, expansion device: capillary, cooling: static,weight 11 kg , the statutory warranty period shall apply (24 months), Delivery time Info: with “immediately available” and “scarce stock”, usually delivery within 2 days. For “currently not available” delivery time usually 2 weeks or delivery time in urgent cases contact us.

Refrigerant:	R134a
Power range(W):	101 – 200 W
Performance range (C):	-35 C to -10 C
Connecting size:	4,9 mm
Suction:	6,5 mm
Working area:	LBP
Design type:	Hermetic
Model series:	GL
Use with:	Capillary

Power range(HP):	0-2
Power supply:	230 V
Oil type:	ISO VG 22 Ester
Engine type:	RSIR
Article condition:	New
Info:	Oil filled
Shipping weight:	13,00 Kg
Dimensions (length × width × height):	23,10 × 16,20 × 18,60 cm
Cooling capacity condition:	T0 -25 C, Tk +55 C
Manufacturer:	ACC Cubigel Huayi Electrolux ZEM
Model:	GL99AA
Stroke volume (cm3):	9,93
Cooling capacity (W):	174
Power (HP):	0,25
Max. Starting current (A):	14,4
Max. Operating current (A):	1,31
Engine type:	RSIR
COP:	0,92
Note:	Static cooling
Conveying and suction volume (m3):	1,72
Oil quantity (l):	0,295
Compressor type:	Piston
Cooling:	Static
RPM:	2900
Power range:	-35 C to -10 C
Alternative:	HLY90AA, NL11F
Pressure line (mm):	4,9

Suction line (mm):	6,5



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cubigel compressors

TECHNICAL DATA SHEET

GL99AAa VE09
220-240V 50Hz ~1

COMPRESSOR	
Displacement (cm3)	9.95
Diameter (mm)	25.4
Stroke (mm)	19.62
Net Weight (Kg)	9.6
Oil type	ISO VG 22 ESTER
Oil charge (cm3)	295

MOTOR	
Approximate Power (CV)	1/4
Voltage/Frequency (V/Hz)	220V 50Hz
Voltage range (V)	187-264
Code	-
Type	RSIR
Phase number	1 PH
Locked rotor current (A)	14.0
Main W. resist. at 25ºC (Ω)	9.96
Start W. resist. at 25ºC (Ω)	20.39

APPLICATION	
Application	Low back pressure
Refrigerant	R134a
Evaporating (°C)	-35 to -10
Expansion	Capillar
Comp. cooling	Static
Max. ambient temp. (°C)	43

NOMINAL PERFORMANCE	CYCLE A	CYCLE B
Cooling capacity (W)	175	238
Input power (W)	189	200
EER (kcal/Wh)	0.79	1.02
COP (W/W)	0.92	1.19
Current (A)	1.31	1.34
TEST CONDITIONS		
Evaporating temp. (°C)	-25.0	-23.3
Condensing temp. (°C)	55.0	55.0
Liq.t. entering expan. (°C)	55.0	32.0
Ambient t. and return (°C)	32.0	32.0
Tens/Freq (V/Hz)	220V 50Hz	220V 50Hz

ELECTRICAL COMPONENTS			
Relay	PTC 3003 - K100		
Nominal voltage (V)	200 - 240		
Resistance µ	14,00		
Protector	MRP336JZ	T0377	AE11FU

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Tecumseh, Copeland,

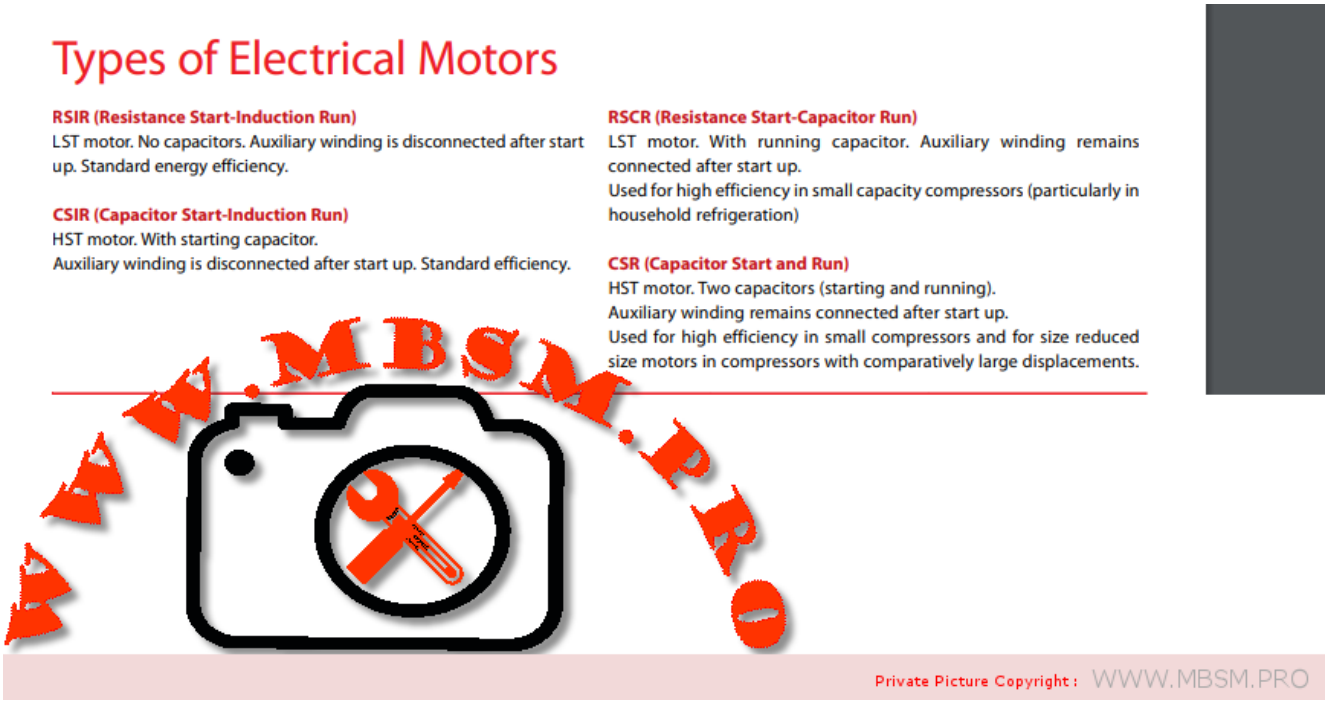
Compressor, Cross, Reference, P12FW, Compressor, R-12, 1/3HP, 230V, HMBP, ACC-ELECTROLUX, CUBIGEL/HUAYI

written by Lilianne | 11 April 2021
Tecumseh, Copeland, Compressor, Cross, Reference, P12FW, Compressor, R-12, 1/3HP, 230V, HMBP, ACC-ELECTROLUX, CUBIGEL/HUAYI

Types of Electrical Motors, RSIR, CSIR, RSCR, CSR, PTC, NTC, LST, HST, MBP, HBP, LBP

written by Lilianne | 11 April 2021
Types of Electrical Motors
RSIR (Resistance Start-Induction Run)
LST motor. No capacitors. Auxiliary winding is disconnected after start
up. Standard energy efficiency.
CSIR (Capacitor Start-Induction Run)
HST motor. With starting capacitor.
Auxiliary winding is disconnected after start up. Standard efficiency.
RSCR (Resistance Start-Capacitor Run)
LST motor. With running capacitor. Auxiliary winding remains connected after start up.
Used for high efficiency in small capacity compressors

(particularly in
household refrigeration)
CSR (Capacitor Start and Run)
HST motor. Two capacitors (starting and running).
Auxiliary winding remains connected after start up.
Used for high efficiency in small compressors and for size reduced
size motors in compressors with comparatively large displacements



Type of starting device
Current relay – (electromechanical). RSIR/CSIR motors and CSR low/
medium-power motors with NTC (the NTC is connected in series with
the starting capacitor and the main purpose is to reduce the current
peaks in the relay contacts)
Potential relay – (electromechanical). CSR high-power motors.
PTC – (Positive Temperature Coefficient), the resistance increases
with the temperature. Device only with RSIR or RSCR motors in the
(Small L, B), L and P ranges.

NTC – (Negative Temperature Coefficient), the resistance decreases
with the temperature. Used in some CSR in order to reduce dimensions and components.

Type of starting device

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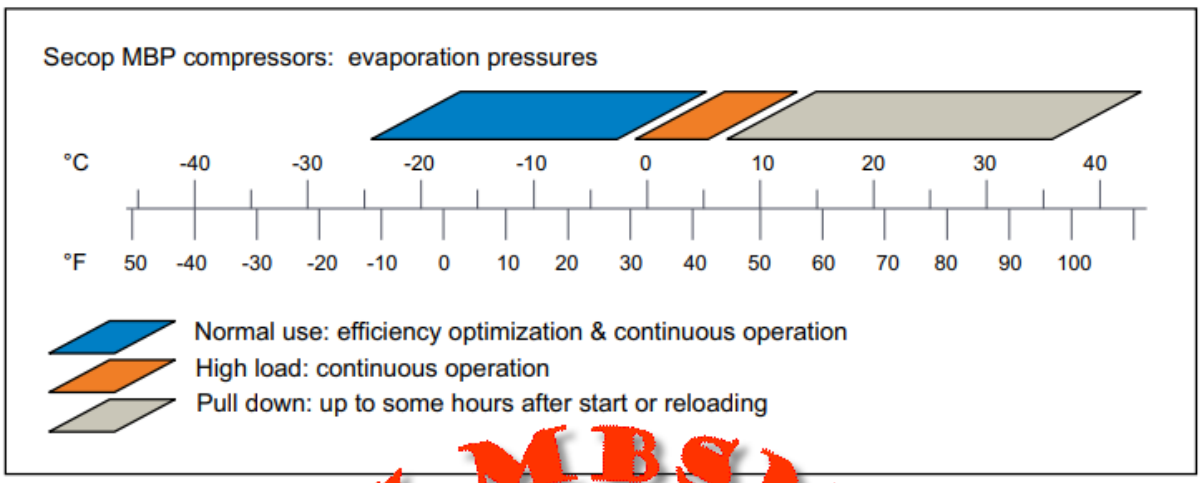
Type of torque
LST – Low Starting Torque – Systems with capillary tube or balanced
pressures at start up.
HST – High Starting Torque – Systems with expansion valve or capillary tube, with unbalanced pressures at start up.

Type of torque

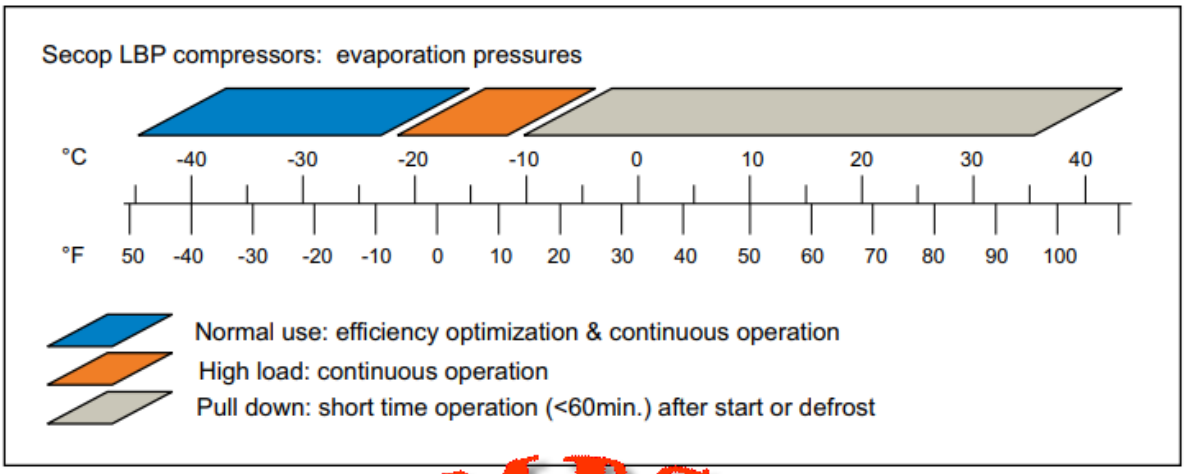
LST – Low Starting Torque – Systems with capillary tube or balanced pressures at start up.

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Catalogue, DANFOSS, All Compressor, PDF Catalogs, Documentation

written by Lilianne | 11 April 2021
Catalogue, DANFOSS, All Compressor, PDF Catalogs, Documentation

Mbsm_dot_pro_private_PDF_DANFOSS-FRCC.PK_.046.A1.02Télécharger
Mbsm_dot_pro_private_PDF_Danfoss_scroll_compressors_HXX_R410AT élécharger
Mbsm_dot_pro_private_PDF_DANFOSS-1Télécharger
Mbsm_dot_pro_private_PDF_DANFOSSTélécharger



Compressor Embraco Aspera NEK6210GK, MBP – R404A, R507, 220 – 240V/1/50Hz, 1/2 HP, discharge 8.77 cm3, motor type CSIR, lubricant type POE 22, lubricant charge 350 ml.1318 W at +7.2 / +54.4 °, expansion device: capillary

or valve, cooling: fan cooling, weight 11 kg

written by Lilianne | 11 April 2021

Compressor ASPERA NEK6210GK | NEK 6210 GK

Compressor Embraco Aspera NEK6210GK, MBP – R404A, R507, 220 – 240V/1/50Hz, 1/2 HP, discharge 8.77 cm3, motor type CSIR, lubricant type POE 22, lubricant charge 350 ml.1318 W at +7.2 / +54.4 °, expansion device: capillary or valve, cooling: fan cooling, weight 11 kg

Refigerant	R404A/R507
Working range[stC] **MBP**	-20 do +10
Nominal capacity [W] (evaporating temperature +7,2C, Condensing temperatur +54,4C)	1303
Power supply	220-240V 50Hz
Engine type	CSIR
Displacement [cm³]	8,77
Weight [kg]	11

Evaporating temperature +55 C

Evaporating Temperature	**Cooling Capacity +/-5%**	**Power Consumption +/-5%**	**Current Consumption +/-5%**	**Gas Flow Rate +/-5%**	**Efficiency +/-7%**			
°C	(kcal/h)	(W)	(Btu/h)	(W)	(A)	(kg/h)	(kcal/Wh)	(W/W)
-20	384	447	1.525	365	2,36	11,99	1,05	1,22
-15	467	544	1.855	419	2,58	14,69	1,12	1,30
-10	574	668	2.278	470	2,79	18,18	1,22	1,42
-5	704	819	2.795	519	3,00	22,51	1,36	1,58
0	858	998	3.405	565	3,20	27,73	1,52	1,77
5	1.036	1.204	4.109	609	3,40	33,90	1,70	1,98
10	1.237	1.438	4.907	650	3,59	41,06	1,90	2,21

Substitutes for this compressor are: Electrolux ML90TB , L’Unite Hermetique/Tecumseh AE4450Z

Refrigerant:	R404A, R507



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Specification for r-22 Compressor, Ph Rotary Models Specification, PH41VPJT, 2 Ton, Mitsubishi Rotary Compressor, 24000BTu

written by Lilianne | 11 April 2021

Product Specification

Horse Power	2 Ton
Brand	Mitsubishi
Compressor Technology	Rotary Compressor
Rental Available	No
Spares Available	No
Is It Portable	Yes
Installation/After Sales Service Available	No
Cylinder	1
Warranty	1 Year
Phase	Single
Weight	28 Kg
No. Of Cylinder	1
Cylinder Type	Round
Voltage	220 V

Material	Copper
Accessories	No
Application	AC
Color	Black



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Mbsm_dot_pro_private_PDF_SCI_Rotary_Compressor-PHTélécharger

ZMC, zanussi, Made in Egypt, Compressors

written by Lilianne | 11 April 2021

R134a

Model	Refr.	HP	Ambient Temp C	Rated Voltage	Cooling Capacity ASHRAE -23.3°C kcal/h	Cooling Capacity CECOMAF -25°C W	COP without RC ASHRAE -23.3°C W/W	COP without RC CECOMAF -25°C W/W	COP with RC ASHRAE -23.3°C W/W	COP with RC CECOMAF -25°C W/W
GL45AA	LBP::R134a	1/8	43	A	96	82	1.06	0.82		
GL45AN	LBP::R134a	1/8	50	C	96	81	1.05	0.8		
GL60AA	LBP::R134a	1/6	43	A	132	114	1.14	0.89		
GL60AF	LBP::R134a	1/6	43	D	132	113	1.07	0.82		
GL60AH	LBP::R134a	1/6	43	A	133	114	1.31	1.01		
GL60AN	LBP::R134a	1/6	50	C	132	114	1.07	0.83		
GL70AA	LBP::R134a	1/5	43	A	149	128	1.18	0.92		
GL70AN	LBP::R134a	1/5	50	D	150	129	1.08	0.83		
GL70AT	LBP::R134a	1/5	43	E	144	122	1.09	0.84		
GL75AA	LBP::R134a	1/5	43	A	155	133	1.18	0.92		
GL80AA	LBP::R134a	1/5	43	A	173	148	1.19	0.93		
GL80AF	LBP::R134a	1/5	43	D	166	141	1.14	0.88		
GL80AH	LBP::R134a	1/5	43	A	175	150	1.35	1.06		
GL80AN	LBP::R134a	1/4	43	A	196	168	1.36	1.06		
GL90AA	LBP::R134a	1/4	43	A	195	167	1.19	0.93		
GL90AH	LBP::R134a	1/4	43	A	215	182	1.39	1.08		
GL90AN	LBP::R134a	1/4	50	D	190	163	1.1	0.85		
GL90AT	LBP::R134a	1/4	43	E	190	161	1.19	0.92		
GL99AA	LBP::R134a	1/4	43	A	214	182	1.24	0.96		
GL99AH	LBP::R134a	1/4	43	A	215	182	1.39	1.08		
GL80AD	LBP::R134a	1/5	43	W	0	0	0	0		
GL90AD	LBP::R134a	1/4	43	W	0	0	0	0		

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R12

Model	Refr.	HP	Ambient Temp C	Rated Voltage	Cooling Capacity		COP without RC		COP with RC	
					ASHRAE	CECOMAF	ASHRAE	CECOMAF	ASHRAE	CECOMAF
					-23.3°C	-25°C	-23.3°C	-25°C	-23.3°C	-25°C
					kcal/h	W	W/W	W/W	W/W	W/W
L45AV	LBP::R12	1/8	43	B	221	192	0.91	0.71		
L55AV	LBP::R12	1/6	43	B	115	101	0.99	0.78		
L55BV	LBP::R12	1/6	43	B	115	101	0.99	0.78		
L76AV	LBP::R12	1/5	43	B	145	127	1.05	0.84		
L76BV	LBP::R12	1/5	43	B	145	127	1.05	0.84		
L88AV	LBP::R12	1/4	43	B	171	150	1.02	0.81		
L88BV	LBP::R12	1/4	43	B	171	150	1.02	0.81		
LT45AV	LBP::R12	1/8	50	B	94	83	1.04	0.83		
LT55AV	LBP::R12	1/6	50	B	115	102	1.06	0.85		
LT55BV	LBP::R12	1/6	50	B	115	102	1.06	0.85		
LT76BV	LBP::R12	1/5	50	B	155	137	1.14	0.91		
LT88BV	LBP::R12	1/4	50	B	190	169	1.16	0.93		
P12BW	LBP::R12	1/3	43	A	221	192	0.91	0.71		

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